

695.

Sanymetal PRODUCTS

F. M. CLANCY

HARRISON BUILDING, - PHILA.
SPRUCE 77-97

**THE SANYMETAL PRODUCTS CO.
CLEVELAND**

Sanymetal
PRODUCTS

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CLEVELAND

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Sanymetal
PRODUCTS

PARTITIONS FOR TOILETS,
SHOWERS, DRESSING ROOMS,
URINALS, SCREENS

PARTITIONS FOR OFFICES,
FACTORIES, HOSPITALS

METAL WAINSCOT

SANYMETAL GRAVITY ROLLER
HINGES

TOILET ROOM HARDWARE



CATALOGUE
No. 15



The Sanymetal Products Company
Urbana Road, Cleveland, Ohio

NEW YORK
536 E. 133D ST.

BOSTON
73 TREMONT ST.

CHICAGO
1428 MONADNOCK BLDG.

SAN FRANCISCO
534 MARKET ST.

Manufactured in Canada by
GEO. B. MEADOWS, LIMITED
479 WELLINGTON ST., W.
TORONTO

Representatives in all Principal Cities

Toilet Room Products

Types and Uses

Sanymetal Partitions are built for toilets, lavatories, urinals, dressing rooms, showers, smoke screens, ward screens, and wainscot—for industrial, office, commercial, and public buildings, and also for schools, churches, hospitals, and institutional buildings. These products are equipped, as necessary, with Sanymetal Gravity Roller Hinges and Toilet Hardware.

Prominence of Metal Partitions

A widespread preference for toilet and similar partitions built of metal has been shown in recent years. Architects, engineers, and building owners everywhere have united in approving metal as the most desirable material from the standpoint of sanitation as well as durability and cost. Sanymetal stands as a pioneer among modern-type metal toilet partitions. Its claim to distinction is founded on an unbroken record of fine service over a period of years. Its universal acceptance is exemplified today in over 10,000 installations throughout the country.

General Design

A simple and substantial design (embodying several basic patents), developed through long, specialized experience, and neat and clean-cut in appearance, characterizes all Sanymetal products. Rust-resisting finish, tight joints, elimination of corners and cracks that collect germ-breeding dust and dirt, absence of protruding metal edges, and special base shoes, all contribute to the exceptional sanitary quality of the product.

Construction of Partitions

Sanymetal Toilet Sections are usually made up of two units: a paneled partition joined to a supporting post—and a door. Material used is 16-gauge, stretcher levelled, full pickled, full cold rolled panel sheets. Partitions are assembled with improved Sanymetal Interlocking Construction, which binds panels, stiles and posts into one rigid unit. Panel stiles are set and locked into recess of new design sunken-panel hollow drawn post, and into adjustable boxed wall channel, all with concealed fastenings. Posts are fitted with aluminum alloy die-cast top casting carrying pipe rail bracing, and secured to floor with special sanitary base casting. This base shoe is die-cast aluminum alloy, self-draining, full three inches high, coved at bottom, and adjustable to uneven floors. All metal edges are concealed and interlocked. The Sanymetal method of construction eliminates all unsightly spot welds, projecting bolts, nuts and screws. Panels and doors are beautifully finished, both sides, with drawn hollow metal trim. All doors are fitted with new type Sanymetal Gravity Roller Hinges and combination rubber bumper, latch and pull.

Erection

Erection is simple and easy. No drilling of partitions is required on the job. Partitions are securely fastened at floor and walls, so that the installation remains rigid, shake-and-rattle-proof. Doors do not bang.

Finish

Particular attention is given to finish. Partitions and doors present an impervious hard enameled surface, very easy to clean and non-absorbent of moisture. Priming coat is Sublimed Blue Lead (rust-resisting). Two coats of high grade enamel are then applied, and each coat is baked on at a high temperature. Standard colors are Olive Green, Light Gray or Battleship Gray. Sections can be supplied with a filler and primer coat and finished by the painter after the work is set. When white is required, we recommend furnishing Sanymetal in white lacquer, which in our ten years' experience we have found to be by far the most satisfactory white finish ever produced.

Standard Stock Units

Stock fronts, panels and doors are adaptable to compartments of practically any width or depth desired. Special sections are made to order, but we recommend that standard units be used wherever possible. This standardization effects a very material reduction in the price of Sanymetal, which is no more than that of a good wood partition, and considerably under marble. Resistance to fire and to deterioration add to the ultimate economy of the product.

Sanymetal Gravity Roller Hinges

These remarkable hinges add considerably to the value of the Sanymetal installation as a whole. This is the original patented springless hinge, operating entirely from the force of gravity. It is strong, simple, positive in action, and contains nothing to break or wear out. The new type hinge is made of polished aluminum alloy, has track and roller encased in barrel, and is adaptable to self-closing or self-opening toilet doors of any type.

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Suggested Specifications

For Toilet Partitions

ALL toilet partitions and doors (entrance screens) (shower enclosures) (dressing rooms), are to be built of SANYMETAL as manufactured by The Sanymetal Products Company, Urbana Road, Cleveland, Ohio.

Partitions are to be made with drawn hollow metal interlocking mouldings WITH ALL RAW EDGES CONCEALED, having 16 gauge, stretcher leveled, full pickled, full cold rolled panel sheets, securely interlocked into mouldings, forming a partition without spot welds. Front post of partition shall be drawn hollow metal, forming sunken panels on four sides, into which front stile of partition is set and securely fastened. Partitions are to fasten to the wall by means of an O. G. drawn adjustable channel with at least three (3) concealed screws or toggle bolts as required. Insert back stile of partition into channel and securely fasten with screws through top and bottom of channel. Install 1 1/4-inch drawn hollow metal tubing for head rail brace. Furnish die cast polished, composition bronze and aluminum self-drained casting for setting front post of partition to floor; also head cap of same material.

Doors are to be made with 1-inch thick by 3 1/4-inch wide reinforced drawn metal stiles fitted with 16 gauge panel sheet same as partition. Doors are to be equipped with encased Gravity Roller hinges with knurled adjustment to make doors (outswinging) (inswinging) (self-closing) (self-opening), and with combination latch, pull and rubber tipped stop. All door hardware to be die-cast polished aluminum composition and applied with nickel plated bolts with cap nuts.

All metal is to be thoroughly sanded, washed with benzine, filled and primed with Sublimed Blue Lead, baked on. If enamel finish, spray and bake on separately two additional coats of Olive Green, Light Gray or Battleship Gray color.

Standard Stock Sizes of Partitions and Doors

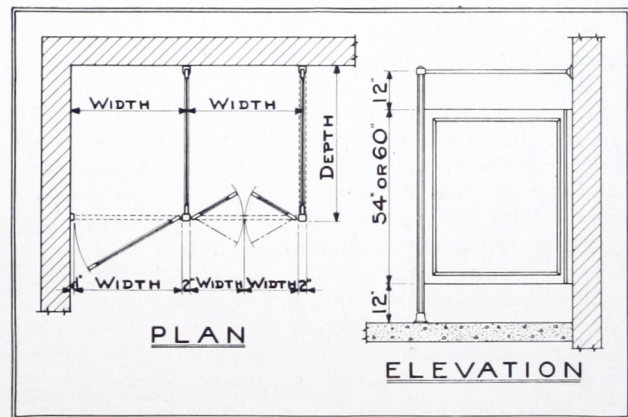
Architects and Engineers, in laying out toilet rooms, can use the following STANDARD SIZE COMPARTMENTS:

Width, 26", 28", 30", 32", 33", 34", 36".
Depth, 36", 42", 48", 54", 60".

STOCK SIZES OF PARTS can be used with height of partitions above floor, 12".

HEIGHT OF HEAD RAIL above panel, 12".

PANEL HEIGHT, 54" or 60", making overall height, floor to head rail, 78" or 84".



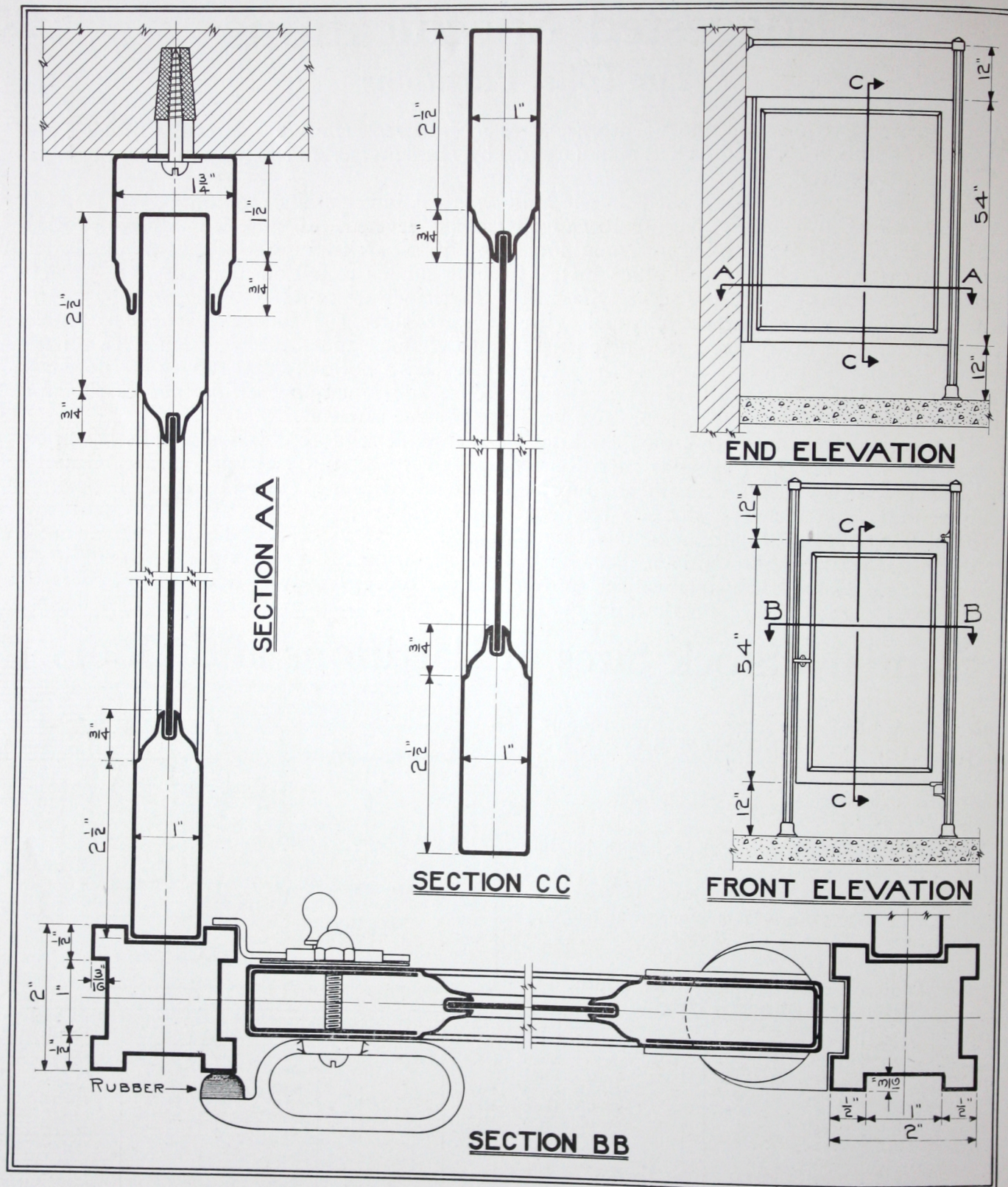
**First Dimension Given is Depth or Width.
Second Dimension is Height.**

Stock Sizes Toilets		Stock Sizes Doors		Stock Sizes Backs				Stock Size Wide Fronts		Stock Sizes Showers			Stock Size Urinals
36x54"	36x60"	14 x54"	14 x60"	26x54"	26x60"	26x66"	26x72"	Corner	Center	36x60"	36x66"	36x72"	16x54"
42x54"	42x60"	15 1/2x54"	15 1/2x60"	28x54"	28x60"	28x66"	28x72"	5"	6"	42x60"	42x66"	42x72"	18x54"
48x54"	48x60"	17x54"	17x60"	30x54"	30x60"	30x66"	30x72"	6"	8"	48x60"	48x66"	48x72"	20x54"
54x54"	54x60"	24x54"	24x60"	32x54"	32x60"	32x66"	32x72"	7"	10"	54x60"	54x66"	54x72"	24x54"
60x54"	60x60"	26x54"	26x60"	33x54"	33x60"	33x66"	33x72"	8"	12"	60x60"	60x66"	60x72"	30x54"
.....	.....	28x54"	28x60"	34x54"	34x60"	34x66"	34x72"	10"	14"	.....	.....	.....	16x60"
.....	.....	30x54"	30x60"	36x54"	36x60"	36x66"	36x72"	12"	.....	.....	.....	.....	18x60"
.....	.....	31x54"	31x60"	42x54"	42x60"	42x66"	42x72"	14"	.....	.....	.....	.....	20x60"
.....	.....	32x54"	32x60"	48x54"	48x60"	48x66"	48x72"	.....	.....	.....	.....	.....	24x60"
.....	.....	34x54"	34x60"	.....	.....	.....	.....	.....	.....	.....	.....	.....	30x60"

Note—Special sizes to meet special conditions made to plans and dimensions. Covers, Ends and Doors for Vent Spaces made when required.

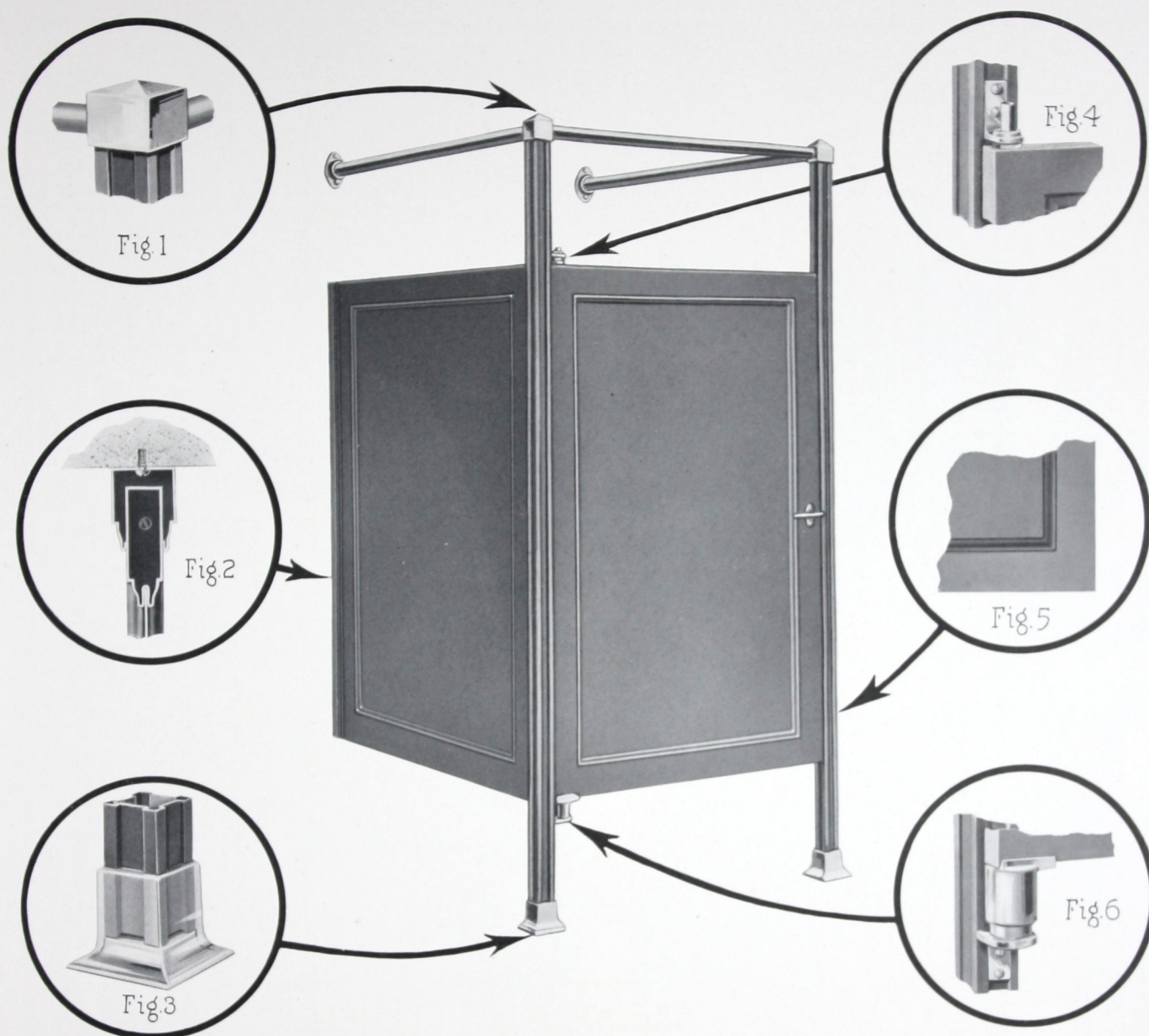
Sanymetal

TOILET PARTITIONS



GENERAL TOILET DETAILS

Sanymetal



Outstanding Features of Toilet Construction

Figures 1 and 3 show the die-cast polished aluminum top and self-draining base castings, and cross-section of sunken panel post.

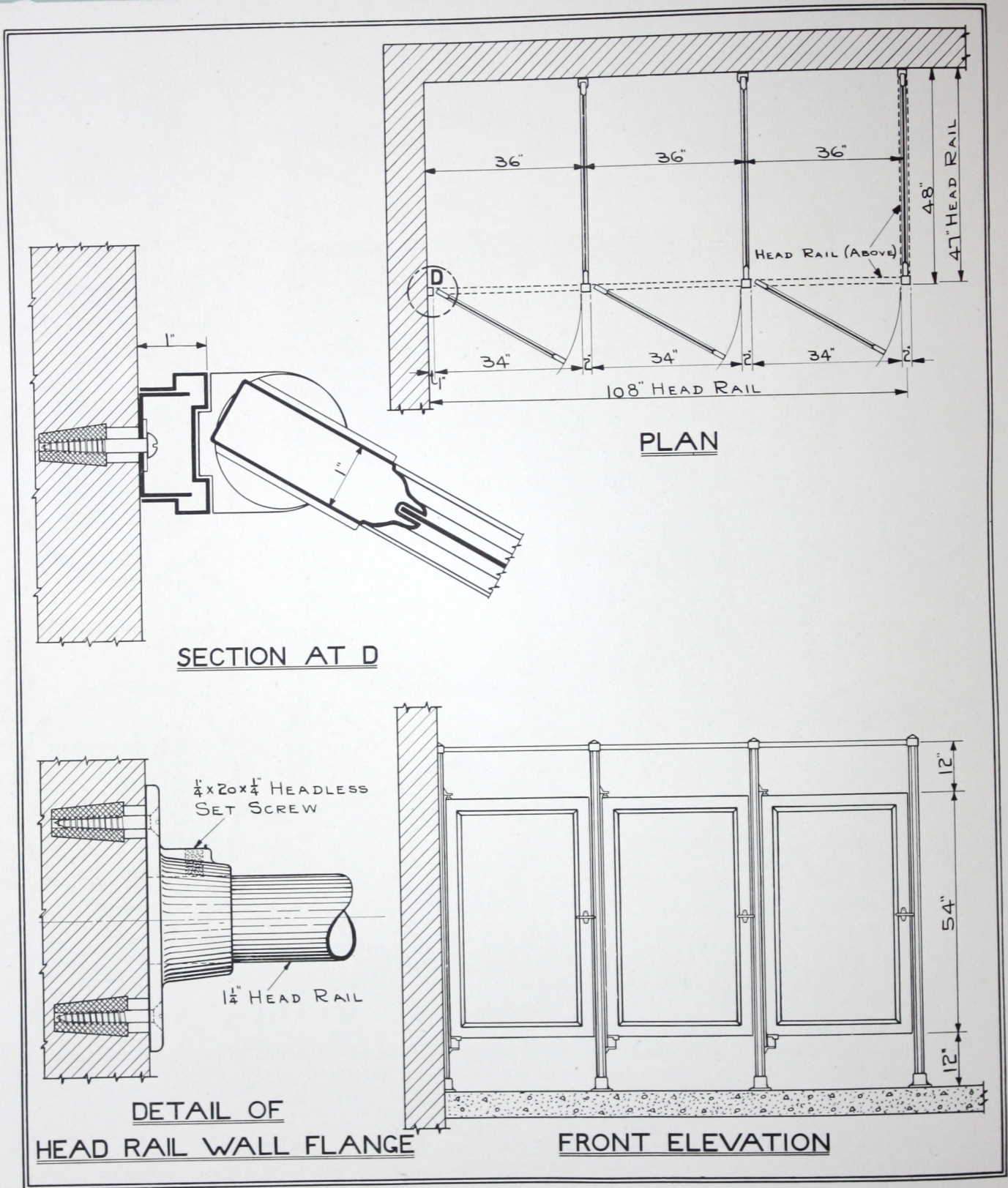
Figure 2 shows adjustable wall channel and cross-section of drawn hollow metal stile and rail.

Figures 4 and 6 show new type Sanymetal Gravity Hinge, which is bolted *clear through* post.

Figure 5 shows door and panel corner detail. All raw metal edges are turned in. Rail joint is water-tight.

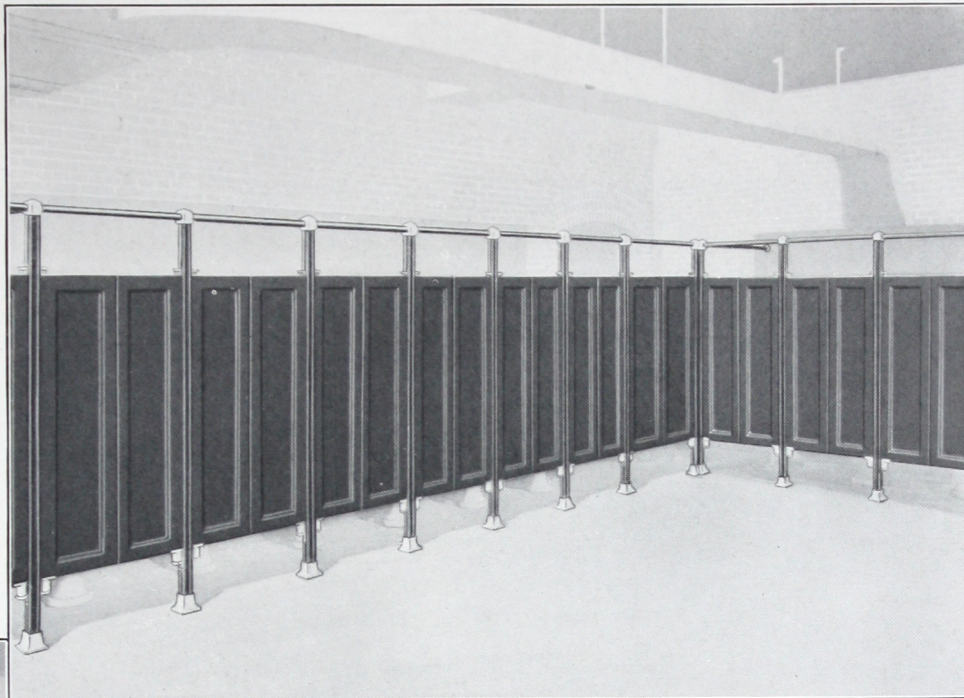
Sanymetal

TOILET PARTITIONS

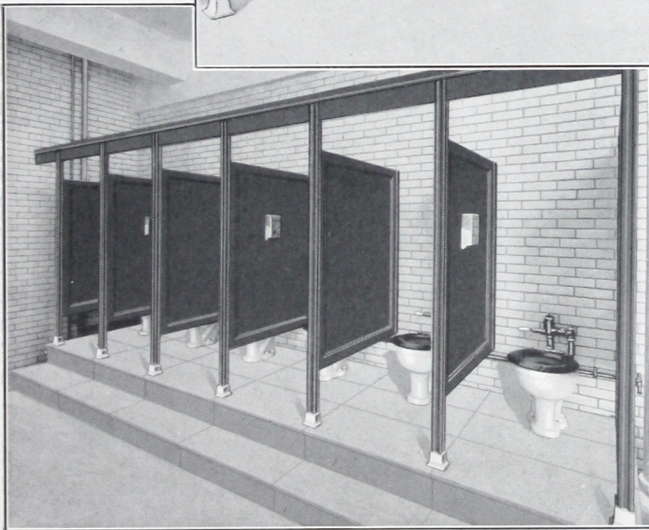


CONSTRUCTION OF BACK-TO-WALL VENTLESS TOILETS

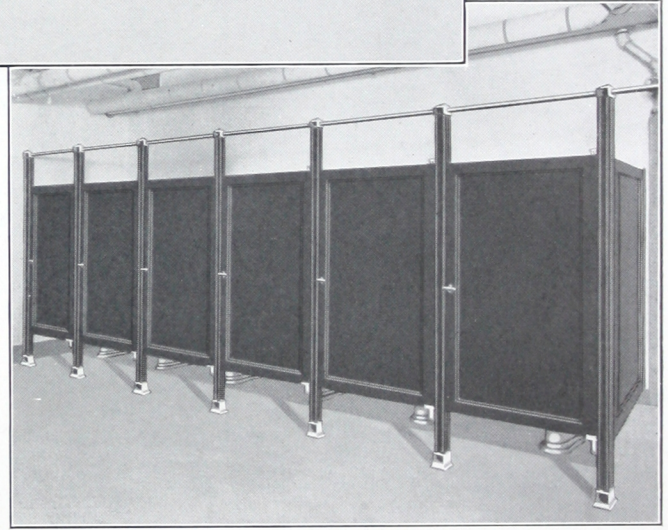
Sanymetal



*Raymond
School,
Washington,
D. C.*



G. A. R. Memorial High School, Wilkes Barre, Pa., showing square top rail

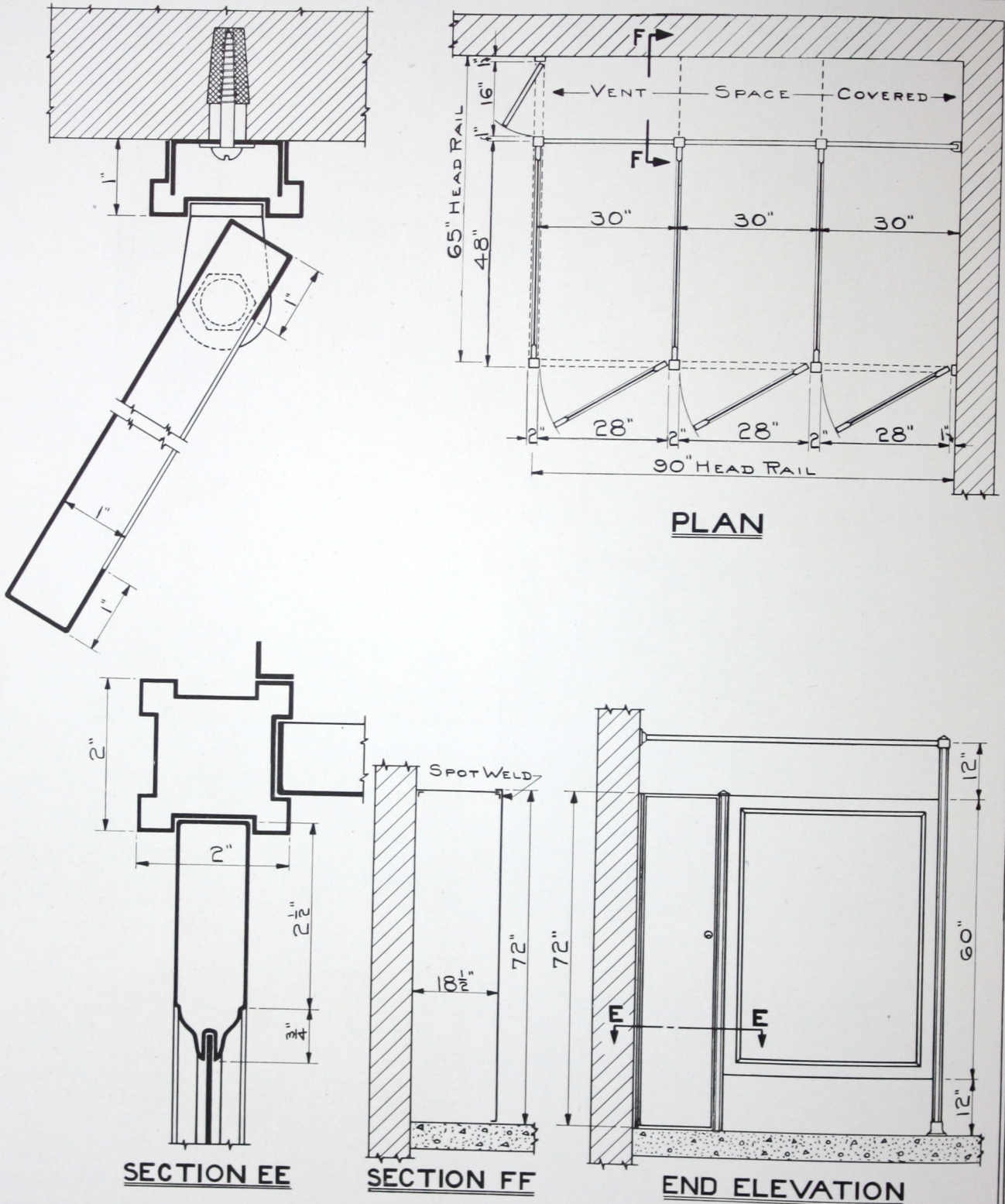


Jackson St. School., Baltimore, Md.

Back-to-Wall Toilets Without Vent

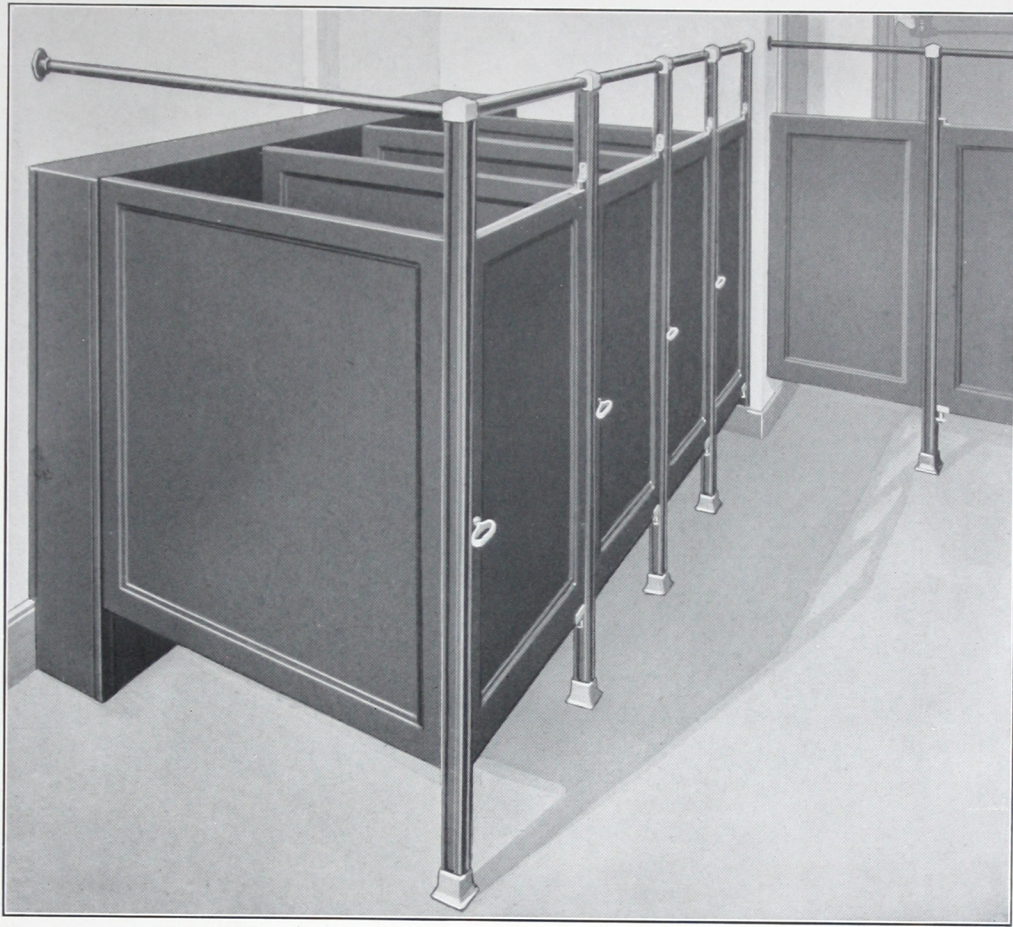
THIS type of installation—a single row battery built right against the back wall and without vent or utility space—is perhaps the most widely adopted of all designs. Its use is possible whenever the vent space is otherwise provided for, and does not enter into the partition construction. This design is furnished either with or without doors, and doors may swing in or out according to partition depth. When partitions have doors, end wall partitions with post can be furnished if desired, or merely half posts as jambs or hanging stiles for end doors next to the wall. These wall posts are full length and fitted with half base and top casting. If doors are not used neither wall partitions nor wall posts are required. The new molded adjustable wall channel insures a perfect fit for partitions even against badly plumbed walls. This channel is closed at top and bottom and fastens to the wall with concealed screws. Back stile of partition is gripped in the channel and held with concealed screws.

TOILET PARTITIONS



CONSTRUCTION OF BACK-TO-WALL TOILETS WITH VENT

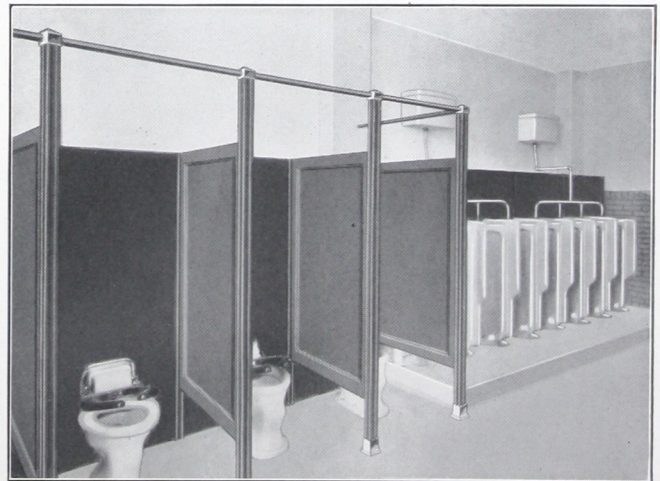
Sanymetal



*Oakdale School,
Grand Rapids,
Mich.*

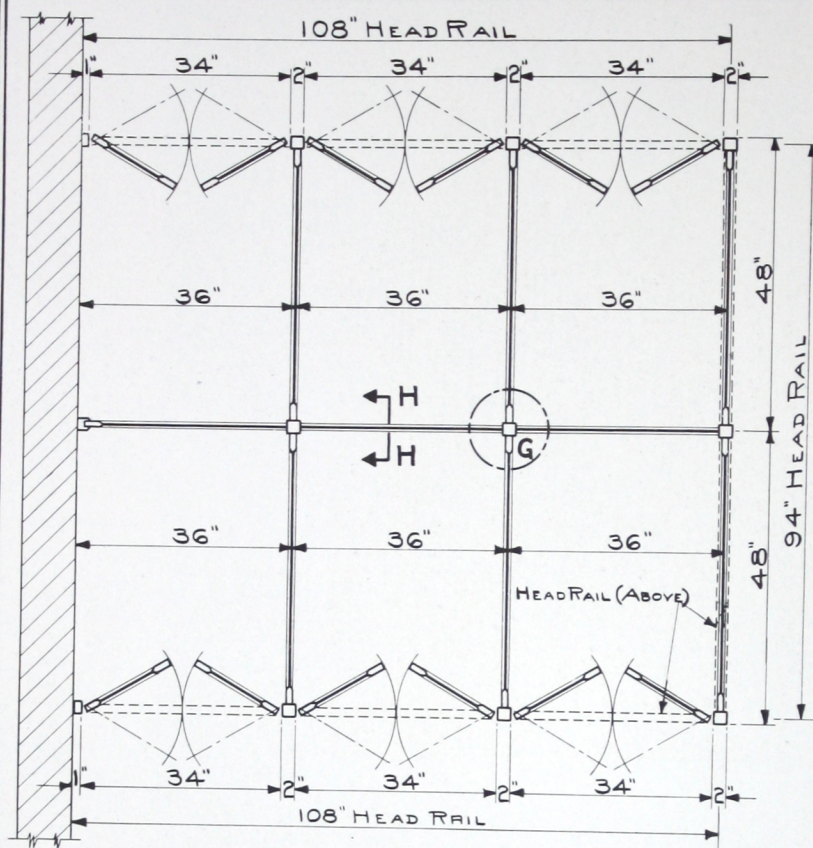
Back-to-Wall Toilets With Vent

THE back-to-wall single row battery is also built with vent space as shown here. The vent space is utilized to keep the plumbing easily accessible but completely concealed, thus improving the appearance of the toilet room. Vent doors and tops are provided in dimensions to suit any required vent widths. This style of partition may be single or double doored or doorless. All backs are securely braced with angles. Our exclusive method of joining partitions and backs, and also joining vent cover to backs (illustrated on the opposite page) effects a tight, concealed joint, eliminating all unfinished and irregular edges. Range in width and depth of compartments is given on page 3.

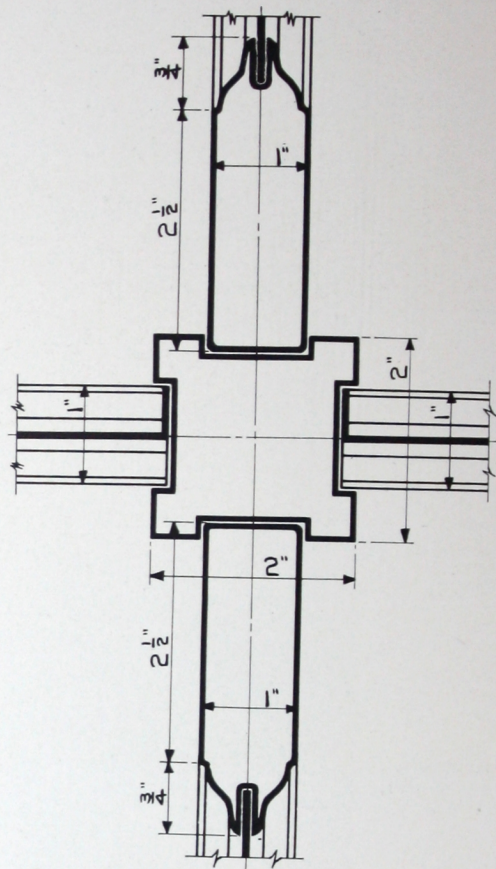


Forest Park School, Ft. Wayne, Ind.

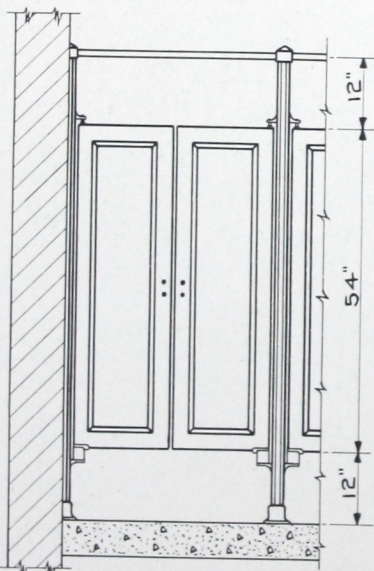
TOILET PARTITIONS



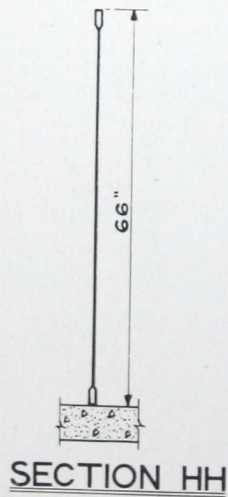
PLAN



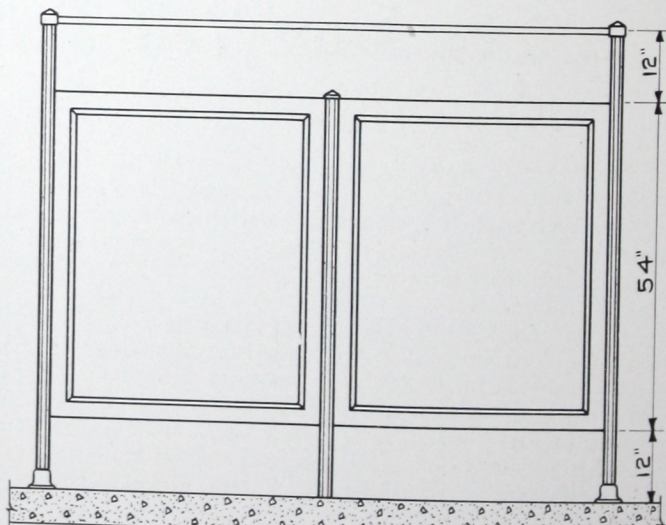
SECTION AT G



FRONT ELEVATION



SECTION HH



END ELEVATION

CONSTRUCTION OF BACK-TO-BACK VENTLESS TOILETS

Sanymetal



*Ferndale
School,
Ferndale,
Mich.*

Back-to-Back Toilets Without Vent

WHERE the vent pipes are otherwise provided for, a double-row battery of compartments without vent chamber is well accommodated to certain toilet rooms in which the compartments are to occupy considerable open space in the center of the room.

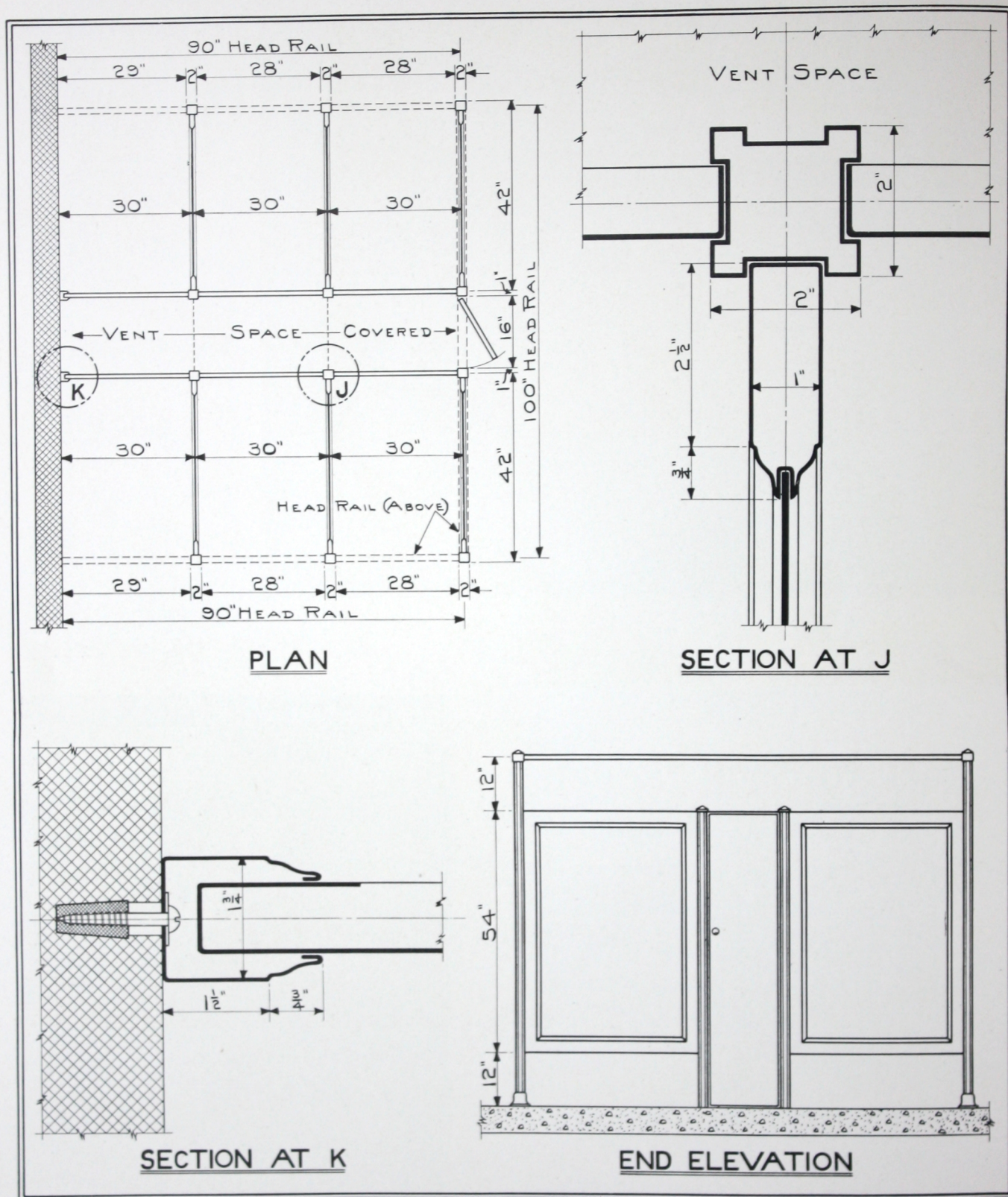
In Sanymetal back-to-back installations each back is a single metal sheet without seams or cracks. As a sanitary measure backs are often specified to be set 12 inches off the floor. The four-way post (detail on opposite page) provides a perfect method of joining partitions and backs. All backs are fitted with molded top and bottom rails the same as partitions.



Carnegie Institute of Technology, Pittsburg, Pa.

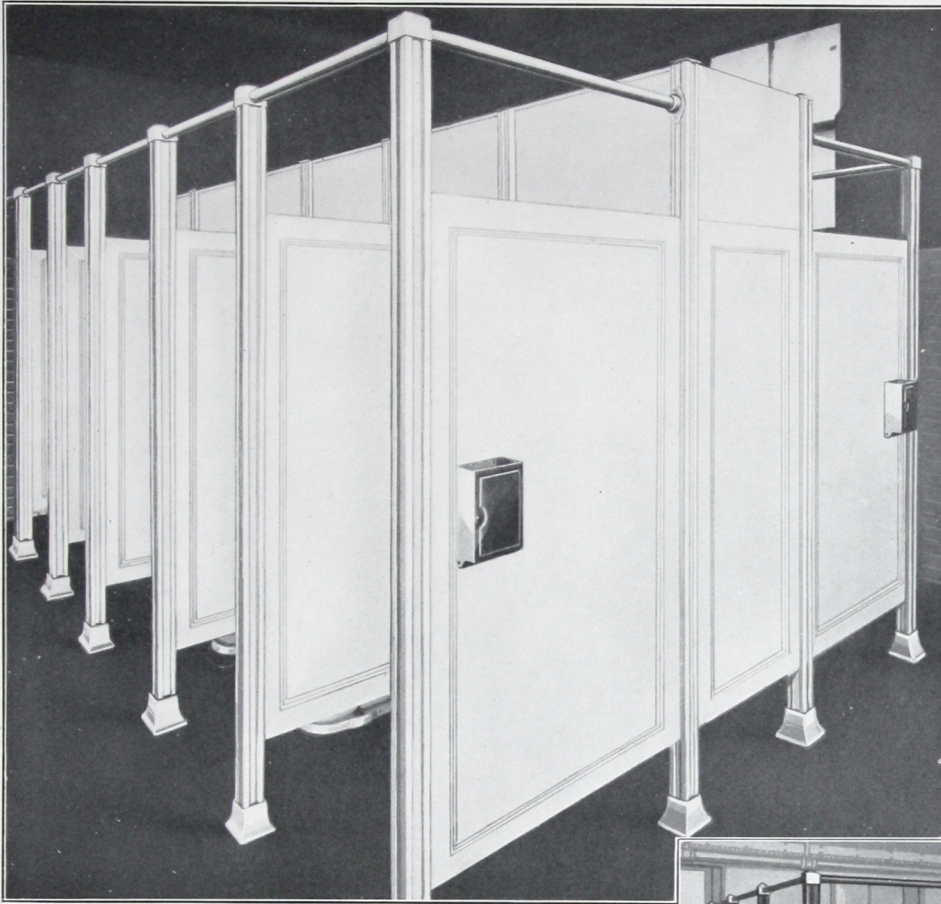
Sanymetal

TOILET PARTITIONS



CONSTRUCTION OF BACK-TO-BACK TOILETS WITH VENT

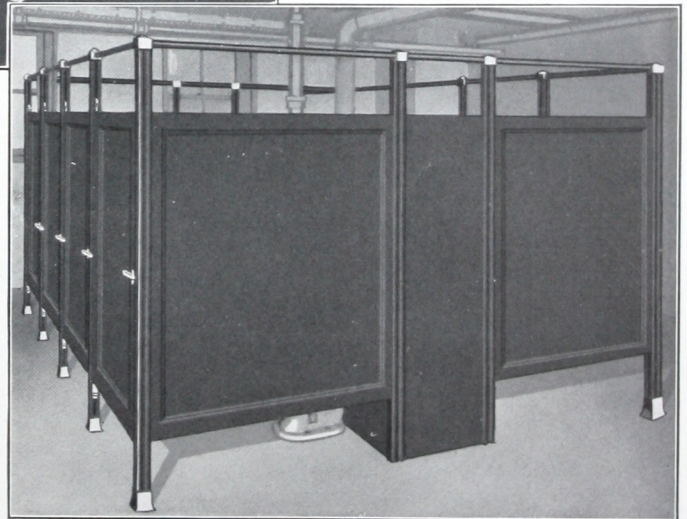
Sanymetal



*Arnold School,
Chicago, Ill.*

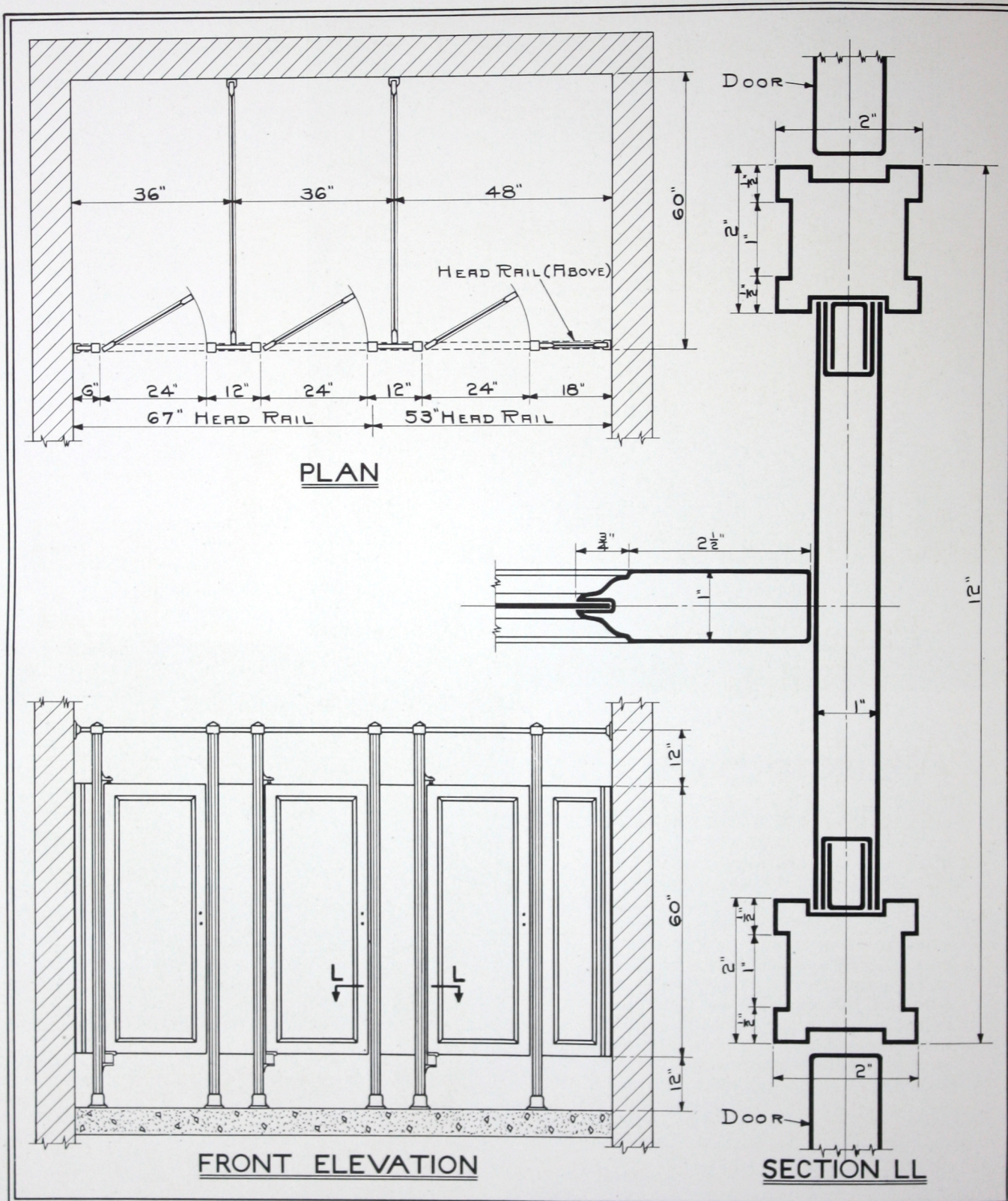
Back-to-Back Toilets With Vent

WHERE space permits a double row of toilets using the same vent, this arrangement is economical. This construction is of course furnished with or without doors as desired. Standard vent space is 18 inches, and the fittings are housed inside the vent. Vent doors and tops are provided. No end partition need be placed against side wall in the end compartment if there is a finished wall for the installation of a wall post. If the compartments are to be ventilated through the vent space, louvres are pressed in the back sheet at the factory (if specified), eliminating cutting on the job. Method of fastening vent backs and partitions effects a clean-cut rigid joint.



St. James School, Decatur, Ill.

TOILET PARTITIONS



CONSTRUCTION OF PANEL FRONT TOILETS

Sanymetal



*General Electric Co.,
Buffalo, N. Y.*

*Installation for
Louis Buch,
Philadelphia, Pa.*

Panel Front Toilets

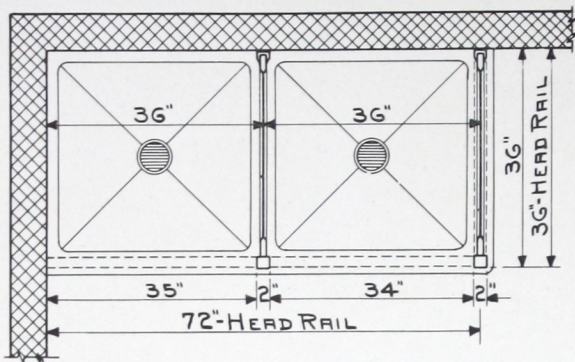
AS a design particularly adapted to inswinging doors, when extra-deep partitions are not desired, the panel front, which is a double post with flush panel, illustrated here, is recommended. The front panel and posts are shipped assembled, ready for erection. Doors may stand open on the inside, on Sanymetal Gravity Roller Hinges, when the compartment is unoccupied. The panel front design is often of advantage in the case of toilet rooms of limited size, and it also makes an unusually attractive and substantial design. L-shaped fronts as well as T-fronts can be furnished.



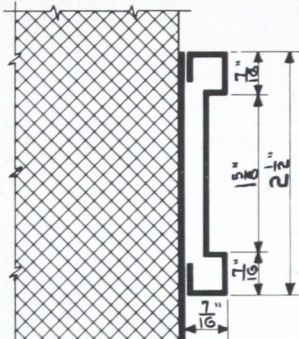
*Colored Jr.,
High School
Atlanta, Ga.*



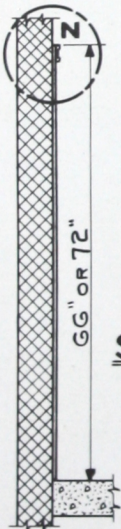
Sanymetal



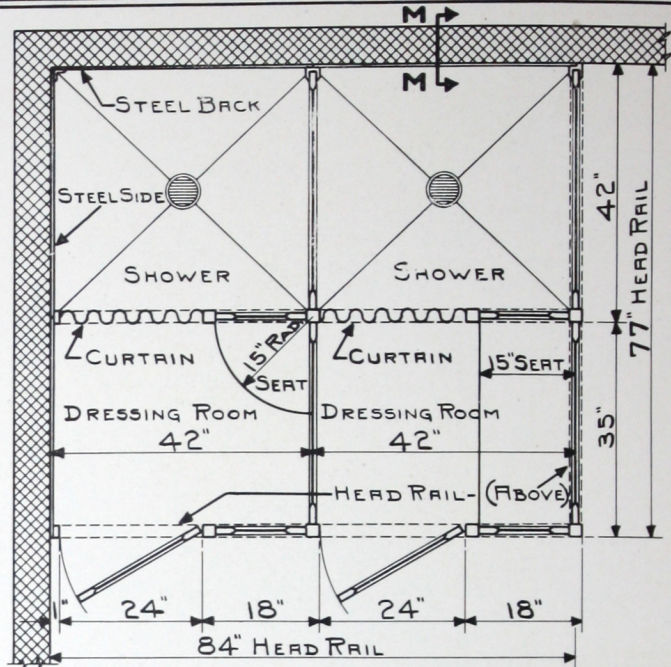
PLAN OF SHOWERS WITH CURB



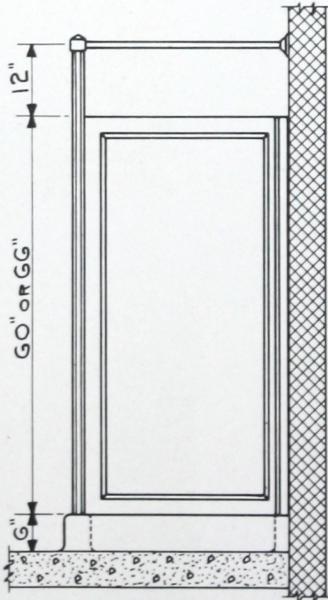
SECTION AT N



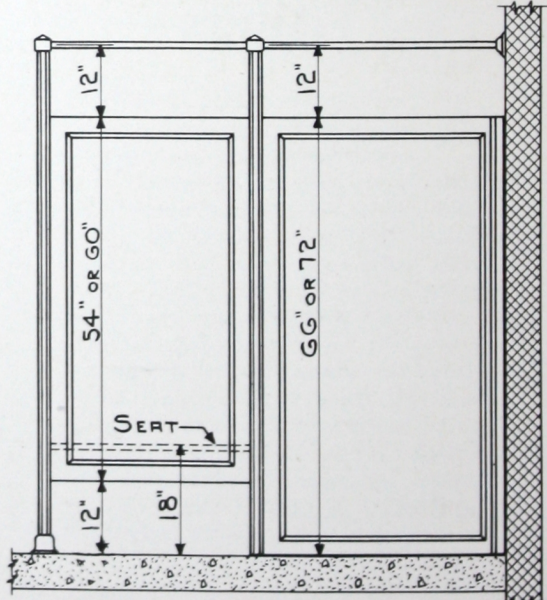
SECTION MM



PLAN OF SHOWERS WITH DRESSING ROOMS



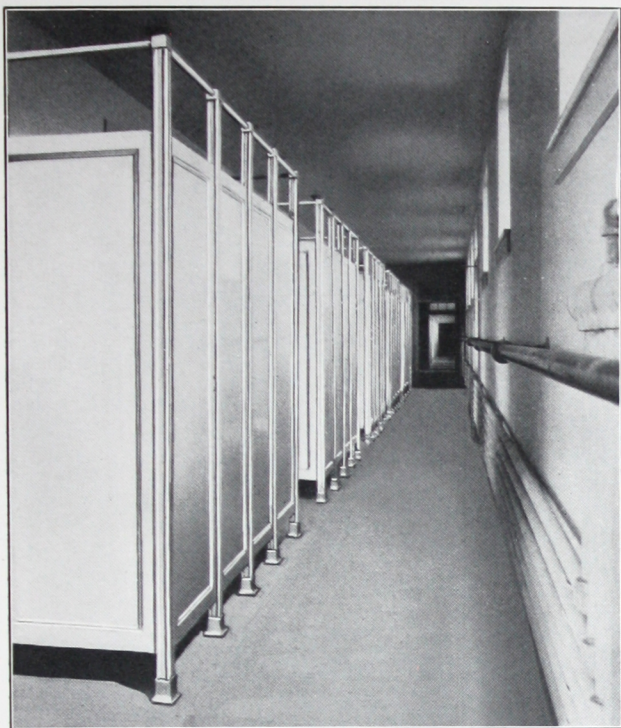
END ELEVATION OF SHOWERS WITH CURB



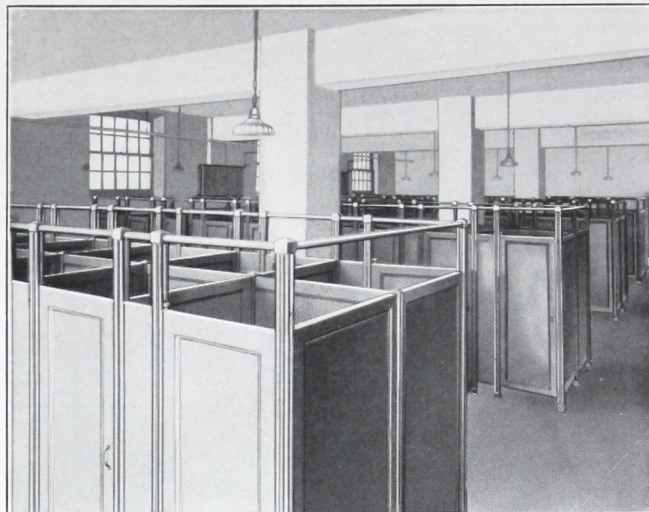
END ELEVATION OF SHOWERS WITH DRESSING ROOMS

CONSTRUCTION OF SHOWERS AND DRESSING ROOMS

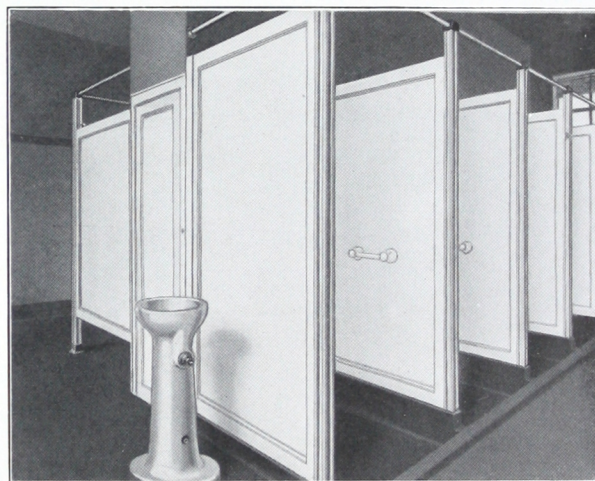
Sanymetal



Dressing Compartments in Asylum, Asyla, N. J.



Dressing Rooms, Carnegie Institute of Technology, Pittsburg, Pa.



Shower Partitions, Spy Run Car House, Ft. Wayne, Ind.

Dressing Rooms, Showers, Urinals

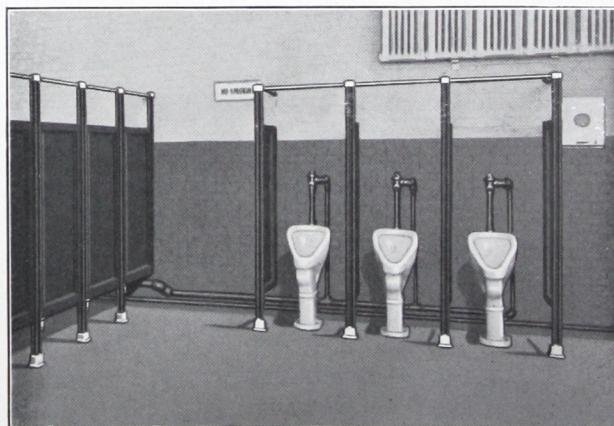
MANY convenient and space-saving combinations of dressing and shower compartments are possible with Sanymetal units. General construction and finish of these partitions are similar to toilet partitions, except that shower room partitions extend to floor or curb. For sizes of units, see page 3.

Shower partitions can be made to fit cement curb or any special container.

Urinal partitions are also of standard Sanymetal Interlocking construction.

ALUMINUM SHOWER PARTITIONS

are made of the same drawn shapes as the steel partitions, and are absolutely rust-proof. Finished in baked enamel or rubbed to a natural satin finish.



Urinal Partitions, General Electric Co., Philadelphia, Pa.

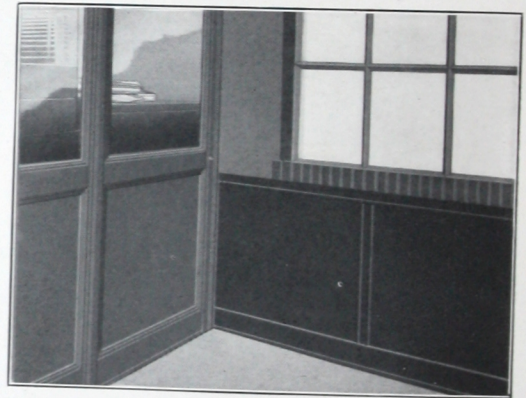
WAINSCOT



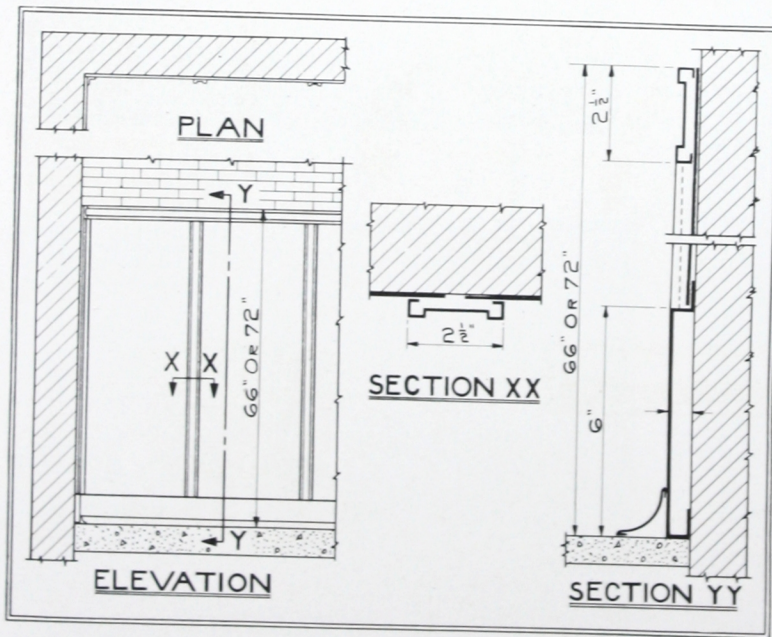
*Rose Avenue School,
New Castle, Pa.*



*Jackson Street
School,
Baltimore, Md.*



Sanymetal Wainscot fitted under window



DETAILS OF SANYMETAL WAINSCOT

Sanymetal Wainscot

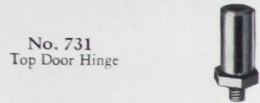
As a practical and durable sectional metal wainscot, Sanymetal is unexcelled. This wainscot, of heavy-gauge metal, is suitable for use all around toilet or shower room, corridors or offices. It is trimmed with a neat mold at top and is made with a water-shedding base and with a batten that conceals all joints and installation bolts, screws, etc. It fits the wall snugly, will not buckle or come loose, and permits no cracks or separations at the joints. It replaces wainscoting of wood, marble, tile, or slate, and is an easily installed, economical, and highly sanitary type of construction. Finished in heavy baked enamel; standard colors, Olive Green, Light Gray, or Battleship Gray. Wood-tone or grained finish or white lacquer on request.

Sanymetal

Toilet Hardware and Parts



No. 730
Top Post Hinge



No. 731
Top Door Hinge



No. 732
Bottom Door Hinge



No. 735
Standard Cam



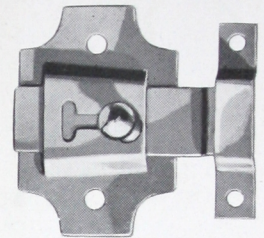
No. 733
Bottom Post Hinge
(Use No. 734 similar for
doors only 6 in. off floor)



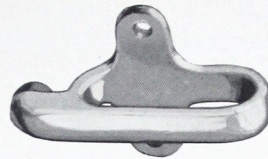
No. 780
Coat Hook



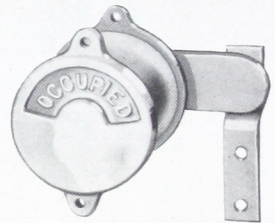
No. 781
Combination Coat Hook
and Bumper



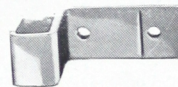
No. 743 Latch
No. 744 Latch and Keeper
No. 744 used for In-
swinging Doors. Latch
only used for Outswing-
ing.



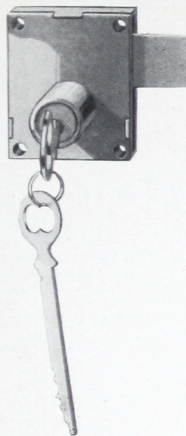
No. 740
Handle and Stop for
Outswinging Doors



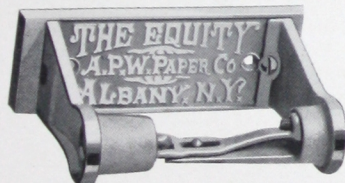
No. 751 Indicator Latch, Outswing Door
No. 752 Indicator Latch, Inswing Door



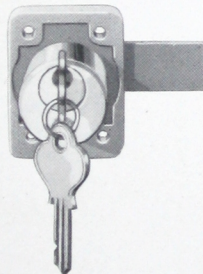
No. 742
Stop for Inswinging
Doors



No. 769
Flat Key Lock



No. 782 Equity Paper Holder



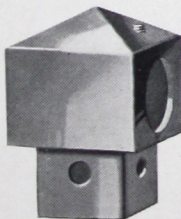
No. 770 Cylinder Lock



No. 784
Satin Paper Holder



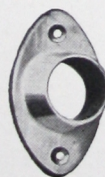
No. 783
Onliwon Paper Holder
(Enamel or Gunmetal
Finish or Nickel Silver)



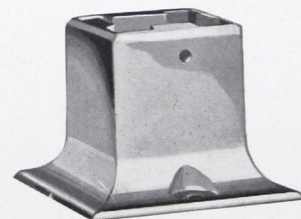
710 One-way Head Cap
711 Straight Head Cap (similar)
712 Corner Head Cap (similar)
713 Three-way Head Cap (similar)
714 Four-way Head Cap (similar)
715 Wall-Post Head Cap (similar)
716 Back-Post Head Cap (similar)



Drawn steel tubing

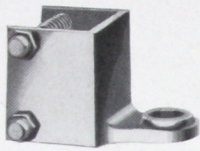


No. 720 Wall or Pipe Flange



No. 701 Standard Base Casting
No. 702 Narrow Front Base Casting (similar)
No. 703 Wall-Post Base Casting (similar)
No. 704 Base Insert for Shower partitions, fits inside of post

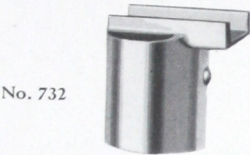
Sanymetal Gravity Roller Hinges and Hardware



No. 738



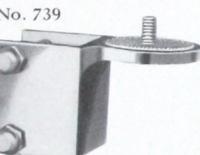
No. 748



No. 732

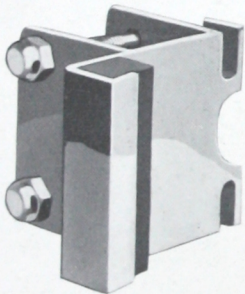


No. 735



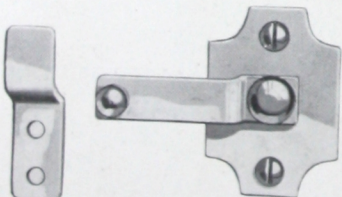
No. 739

Gravity Hinge Parts



No. 759

Government Type Stop and Keeper for Inswinging Doors. Adjustable for any thickness of marble from 1 inch to 2 inch. State thickness of marble.



No. 757

Throw Latch furnished with or without keeper.
(Thickness of Throwbar, 3-16 inch.)

THE Sanymetal Gravity Roller Hinge, of the type shown on this page, is furnished for application to partitions and doors of any make or material—marble, slate, wood, or metal. Stock parts are carried for fitting to round posts. This hinge is a perfected development of our original patented springless hinge. It uses gravity action instead of spring action. Especially designed for swing doors of every type on toilets, office railings, and other partitions. Insures a service, reliability, and permanence superior to any spring hinge.

The entire hinge consists of five parts. There is no complicated mechanism to get out of order. A hardened steel roller running on a heavy inclined track practically eliminates friction. Upper unit consists of combined clamp and socket, and pivot with door screws. Lower unit consists of clamp, adjustable track cam, and barrel carrying roller and supporting door. The hinge is now made with new style encasement or barrel, completely enclosing track and roller, and improving the appearance.

With the one type of hinge doors may be self-closing, self-opening, double-acting, out-swinging or in-swinging. Doors may stand at rest at any desired angle whatever. This is accomplished by merely releasing cap screw at bottom, turning cam track (735) around to required position, and re-tightening screw. The knurled adjustment on both cam and cam support provides for a positive grip in any position, and effectively controls the stopping point of the door.

Simplicity of operation insures faultless action indefinitely. Double doors are made to close in true line. The set screw at bottom permits minute adjustment of the track for this purpose. No sag can develop on the door. The operation of both hinge and door is noiseless.

The hinge is made of all brass, nickel plated, or of aluminum alloy of great strength, creating a very handsome appearance, and assuring adequate protection against rust. Order parts by number.

Bolts furnished with Bonnet Nuts.
Hinge is made for partition thickness of 1 in., 1 1/4 in., 1 1/2 in. and 1 3/4 in. Clamps are made for 1/8 in. over or under these sizes. When ordering, be sure to specify both material and thickness of partition and door.

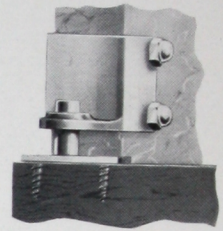
"Special Quality" Hinge

FOR marble installations of exceptionally high quality, we recommend the Special Sanymetal Gravity Roller Hinge, illustrated to the right. This is an extra heavy pattern throughout, with extra long and deep mountings and bolts are placed far back from the edge of marble. Used with either metal or wood doors. This hinge permits bottom of door to be flush with bottom of marble pilaster. The bottom corner of marble is completely housed in, making the hinge very rigid and helping to support the marble. This type of hinge can also be furnished with open bottom clamp for marble stiles which extend to floor.

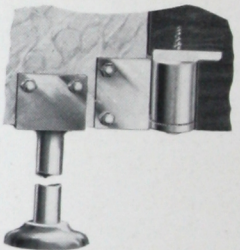
Order numbers on separate parts of this Special Hinge are as follows:

Top Clamp	749
Top Pivot	748
Bottom Door Hinge	727
Cam	735
Bottom Clamp	750

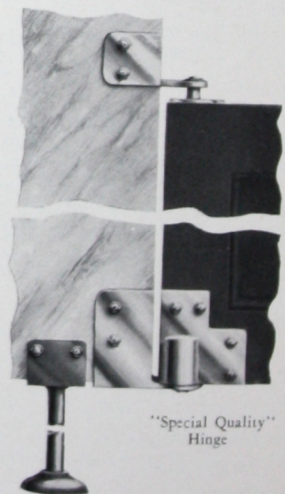
(Specify whether Clamp 750 is for stile extending to floor or set on leg.)



Sanymetal Hinge mounted on marble with wood doors, and showing self-opening door.



For marble pilasters on legs, where bottom of door and pilaster must be on line. Clamp flange, knurled on both sides, is inverted and barrel fitted into door.



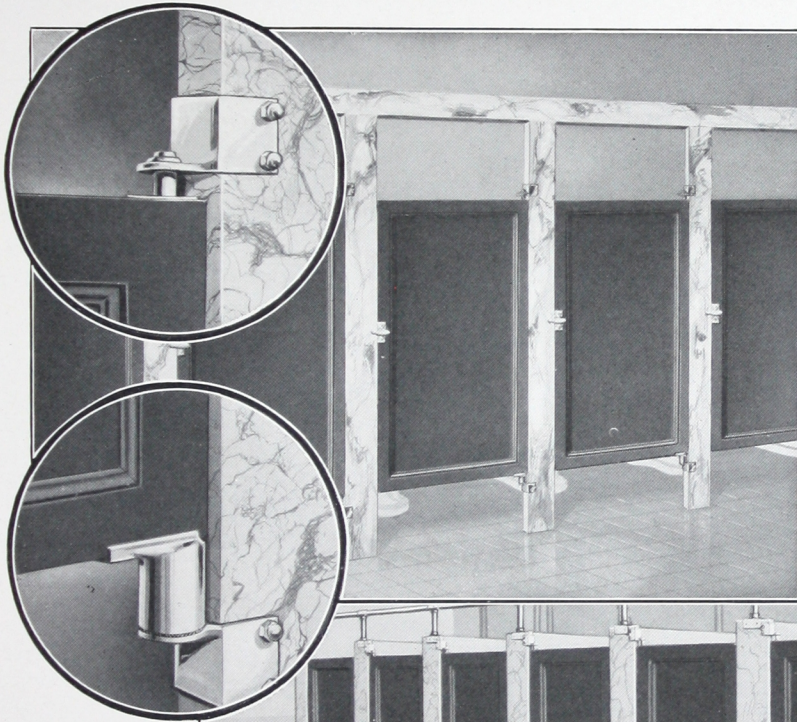
"Special Quality" Hinge

Sanymetal

Sanymetal Toilet Doors on Marble

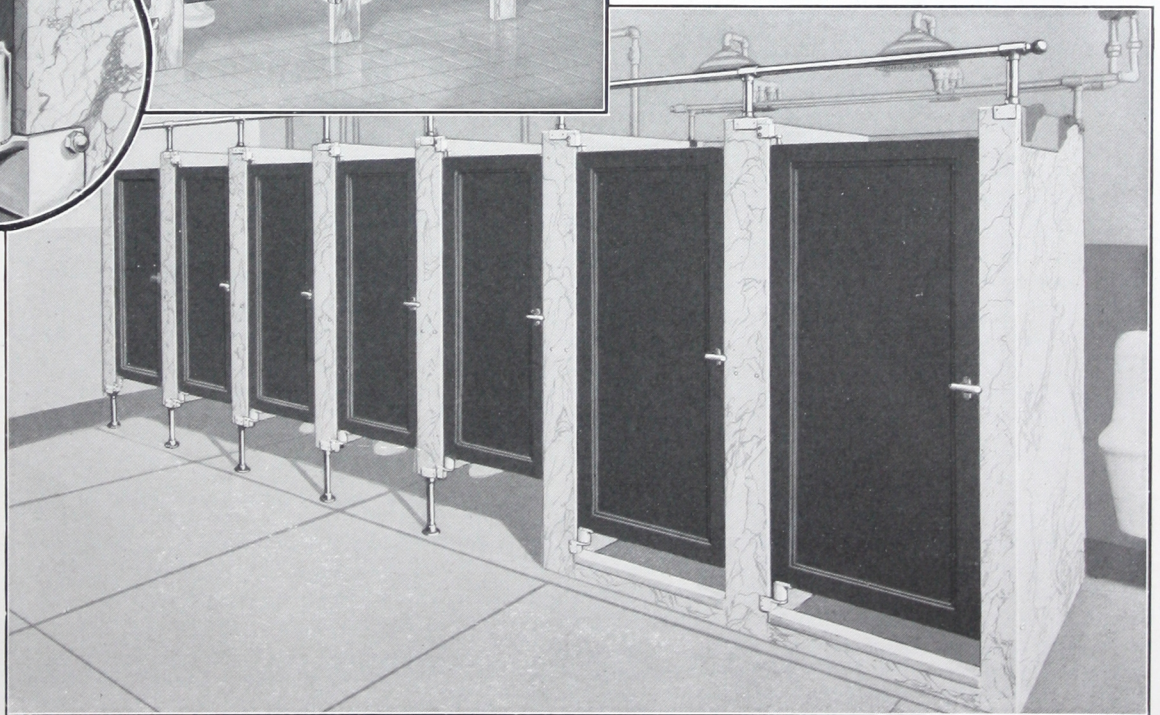
SANYMETAL Toilet Doors are perfectly adapted for installation on partitions of marble or slate. These doors are usually supplied in combination with Sany-metal Gravity Roller Hinge Sets, as shown below. The new Sanymetal door, with $3\frac{1}{4}$ inch stile and hollow drawn mold all around the panel, is a distinctly more attractive design than has hitherto been attained in any metal toilet door. The one-piece combination stile and mold (cross-section detail shown on page 4) is reinforced and insures solid and sanitary construction. These doors, with standard

hardware, can be installed at about the same cost as that of good wood doors painted and fitted, and equipped with equal hardware. Finished in Olive Green, Gray or Battleship Gray, baked enamel. Also in Mahogany or Walnut tone or grained.



ABOVE
Sanymetal
Hinges mounted
on marble par-
titions, self-
closing metal
doors.

BELOW
Installation of Sanymetal doors on marble,
for Louis Buch, Philadelphia, Pa.



Sanymetal

Sanymetal Partitions for Offices, Factories, Hospitals, etc.

A Standard Product

Sanymetal Office and Factory Type Partitions, for the various purposes shown on the succeeding pages, have demonstrated their practical service value and wide adaptability for many years, and have received approval everywhere among architects, engineers, contractors and building owners.

Types and Uses

Partitions made up of standard Sanymetal units (Type A-1) are high grade design throughout, suitable as office partitions in high class office buildings, plant offices, and general industrial and commercial use. The same type of construction is employed for smoke and corridor screens, and hospital ward partitions and cubicles. A somewhat simpler and more economical design (B-1) is also furnished for offices as well as loft buildings and factory, shop, and mill purposes, and to be used for departmental and superintendents' offices, tool and supply rooms, garages, etc.

Advantages of Metal

Office Partitions constructed of metal have several distinct advantages, among which are superior durability, permanence of finish without upkeep cost, freedom from decay, splintering and marring, fire-retardance (which cuts insurance rates), and high sanitary value.

General Design

Each Sanymetal office section consists essentially of a unit two or more panels high. These panels may be metal, glass or wire. Partitions are either cornice-height or floor-to-ceiling. Well proportioned panels and hollow-metal doors, neat drawn mould trim inside and outside, concealment of nuts, bolts, screws and welds, perfectly mitred and joined corners, turned-in metal edges everywhere, and clean-cut, substantial appearance throughout, are distinguishing features. These partitions embody real metal cabinet work.

Construction

Construction is fully described in specifications given on opposite page. These specifications are backed by rigid standards in both material and workmanship. Sanymetal methods insure solid, immovable construction, and tend to eliminate all rattles and banging doors. Partition panels, posts, and moulds are securely interlocked. Glass moulds are designed for snug and perfect

fit, and are removable for replacement of glass. Door and partition sections are interchangeable, also steel and glass panels. Glass may be either plain, ribbed, wire or frosted. Office partitions may be insulated for sound-proofing if desired. Electric wiring may be run through hollow rails, base, or posts. Doors are solidly constructed to retain their shape. All hardware strictly high-grade.

Type B-1 Partitions are simplified as to trim, etc., but have the same quality features as the A-1 Type. These partitions may be used in conjunction with steel sash.

Finish

Standard office finish is a heavy, durable, baked-on enamel, rubbed, when desired, to a fine metal furniture finish. Standard colors, Olive Green, Gray or Battleship Gray. Wood-tone or grained finish furnished to order.

Flexibility of Units

Standard Stock Sections in combination with variable end and top filler panels fit practically any floor space, height, or arrangement. Partitions can be taken down, moved, and set up again in different position with little effort, when re-arrangement is desirable. Special expansion features of installation prevent marring floors or ceiling.

Sanymetal

Specifications Suggested for Office Partitions

GENERAL: Office partitions are to be of cornice or ceiling height as shown on plans of the architect and as manufactured by THE SANYMETAL PRODUCTS COMPANY of Cleveland, or of equal construction and finish.

Detailed Specifications:

Type A-1, Cornice Height: To be made in integral units 7 ft. 2 in. high and of standard widths (18 in., 24 in., 30 in., 42 in. or 48 in.), as best fits the run of partitions. Each unit shall be constructed with a 2 in. drawn channel frame of No. 16 gauge tenoned and welded at the corners and divided in height into two equal panels, each 42 in. high, by a center rail made of two interlocking channels of No. 16 gauge drawn steel which are tenoned and welded into the frame. The bottom panel is to be comprised of a sheet of No. 16 gauge steel set into a self-locking panel moulding $3\frac{1}{4}$ in. wide of No. 19 gauge, and fastened to frame by concealed metal screws from inside of frame. Top panel of glass in one large light for each section set in drawn steel sections with drawn steel glass bead without screws or putty.

Type A-1, Ceiling Height: Where partitions extend to ceiling, panels are to be made in general as above for cornice height up to 7 ft. 2 in. and above this dimension to be made of separate panels as above described in, heights of 42 in. and 21 in. These panels to be steel, glass or wire as shown on architect's drawings. Top fillers are used when the height is not an exact multiple of these units and are made of No. 22 gauge steel set into the frame. These to be cut out in the field to fit around pipes, column heads, or other obstructions at the ceiling.

Type A-1, Erection: Adjacent panels to be erected in the field by concealed floor plates, fastened to the floor by means of lag bolts and connected together by drawn steel batten mouldings, put on by concealed spring clips. Where partitions fasten to wall a continuous drawn channel shall be supplied and fastened to wall by rawl plugs and wood screws. Ceiling plates of the same kind as floor plates to be fastened to ceiling at the junction of adjacent panels and top filler plates flanged and fastened to ceiling by rawl plugs and wood screws.

Type B-1 (Unettes), Cornice Height: All steel panels shall be constructed of self-locking stiles and rails with No. 16 gauge sheet steel panels. A continuous floor channel of No. 18 gauge shall be securely fastened to floor. All glass panels shall be made into a frame of drawn steel sections and fixed muntins on one side. Removable glass bead of drawn steel shall hold the glass in place without the use of screws or bolts. All sections to be of standard size, $22\frac{1}{2}$ in., $41\frac{1}{2}$ in., $60\frac{1}{2}$ in., $79\frac{1}{2}$ in., $98\frac{1}{2}$ in., wide center to center of post, glass sizes, 18 x 40 or 24 x 40. Each steel or glass section to be a unit by itself and firmly held by drawn steel posts from floor to height of partition. These posts to be 3 in. square reinforced through center by No. 16 gauge channel $1\frac{1}{2}$ x $1\frac{1}{2}$ in. and panel sections held by sunken recess in post. One side of post to be removable by means of metal screws.

Type B-1 (Unettes), Ceiling Height: Where partitions run to ceiling posts are to be made continuous from floor to ceiling and additional steel and glass Unette sections added to required height. Top fillers to be used between standard sections and ceiling of No. 22 gauge steel and cut out in field for pipes and other obstructions.

GENERAL SPECIFICATIONS APPLYING TO EITHER TYPE A-1 OR B-1 UNETTES:

Glass: All glass where shown on architect's drawings to be either Double Strength American, Polished Plate, Rough Wire, Polished Wire, Factrolite, or Obscure, as shown.

Wire: Where wire work is called for panels to be made of No. 12 wire, $1\frac{1}{2}$ diamond mesh in $\frac{7}{8}$ in. channel frames, or $\frac{1}{8}$ x $\frac{1}{8}$ x 2 in. square mesh in $\frac{7}{8}$ in. channel frames.

Cornice: On all cornice height partitions, cornice is to be drawn steel in one continuous length and is to include a top cover plate.

End Fillers: Where standard size panels will not fill out the run of partitions, special filler panels of steel shall be made to fill out the space.

Ventilators and Transoms: These shall be provided as indicated on the drawings, either horizontal or vertical pivoted.

Doors: Shall be of sizes shown and be furnished complete with frame. Stiles shall be No. 18 gauge, $4\frac{1}{2}$ in. wide and $1\frac{3}{8}$ in. thick. Bottom rail to be No. 16 gauge, 9 in. high. All stiles and rails notched, tenoned and electrically welded into one piece with No. 16 gauge panel sheet. Glass, steel or wire in upper panels as called for. All doors reinforced at the lock hinges, door holder and door check positions.

Hardware: All swing doors to be furnished with standard make of cylinder paracentric keylocks and hung on three 4 x 4 in. template loose pin butts.

(NOTE—Hardware may be furnished by hardware contractor and templates furnished partition contractor and provision made for same.)

Finish: All miters of panels and cornice to be ground smooth and buffed, and all steel work to be thoroughly cleaned at the factory with sand paper and benzine.

Type A-1 Partitions: To be finished with one coat of lead base, rust-resisting primer and two finish coats of the best baking enamel, each baked on separately to at least 300 degrees F. Standard colors, Olive Green, Gray, Maroon, or Battleship Gray. (Grained finishes to match wood sample furnished at extra cost.)

Type B-1 Partitions: To be cleaned as above and finished in one coat baked on enamel.

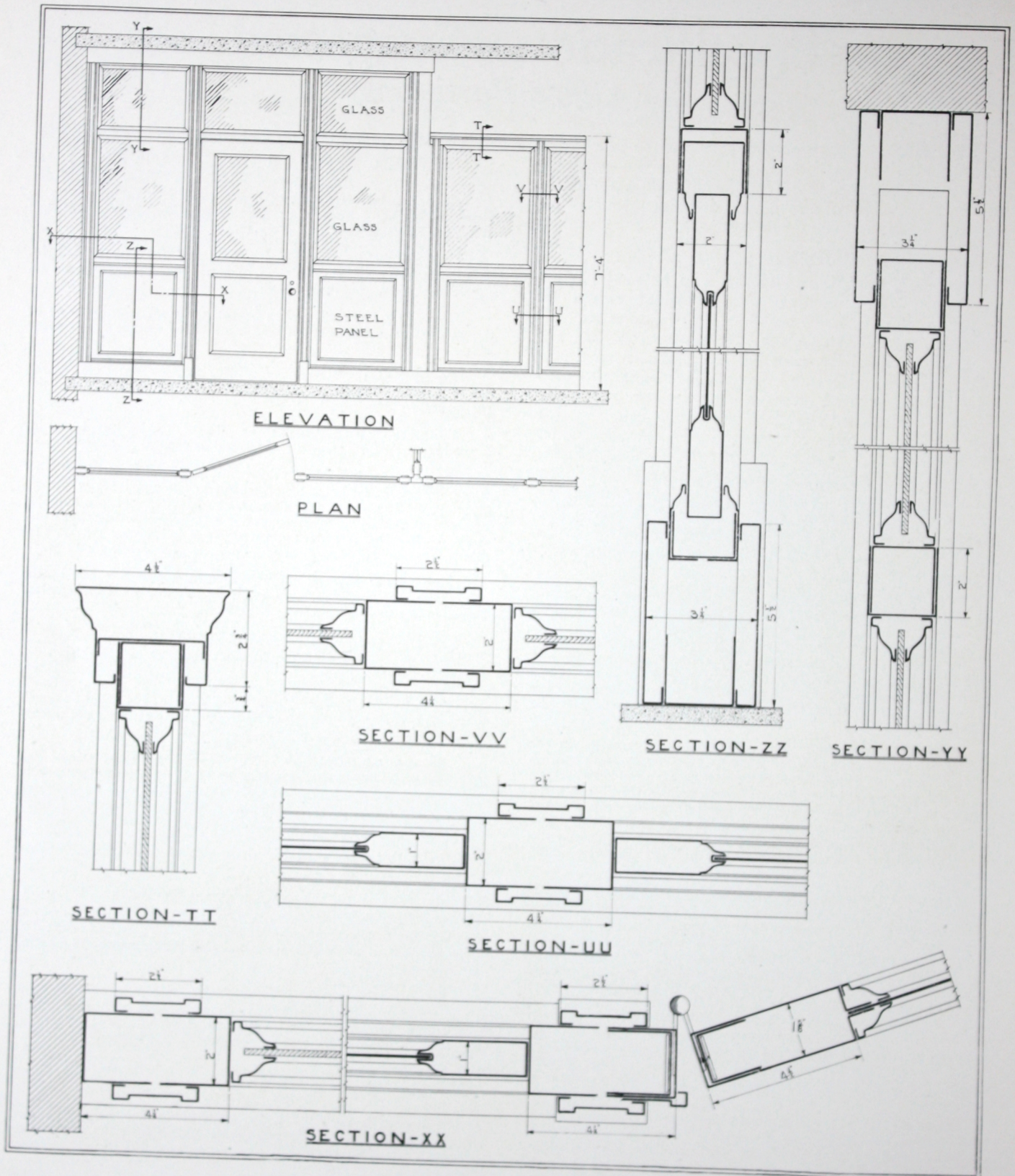
Steel: All steel sheets shall be full cold rolled, full finished, patent leveled, open hearth sheets, free from scale and buckle of not less than No. 16 gauge. Top and end fillers No. 22, stiles, rails, channels, posts and battens not less than .040 and glass bead, cornice and muntins not less than .035.

Bases: The bottom rail of the steel panels is to form the base, except where indicated on the drawings, special bases and plinth blocks to be furnished as shown by detail drawings. Where required, the floor channel can be made from bronze instead of steel.

(NOTE—A slight additional charge is made for special base or bronze base.)

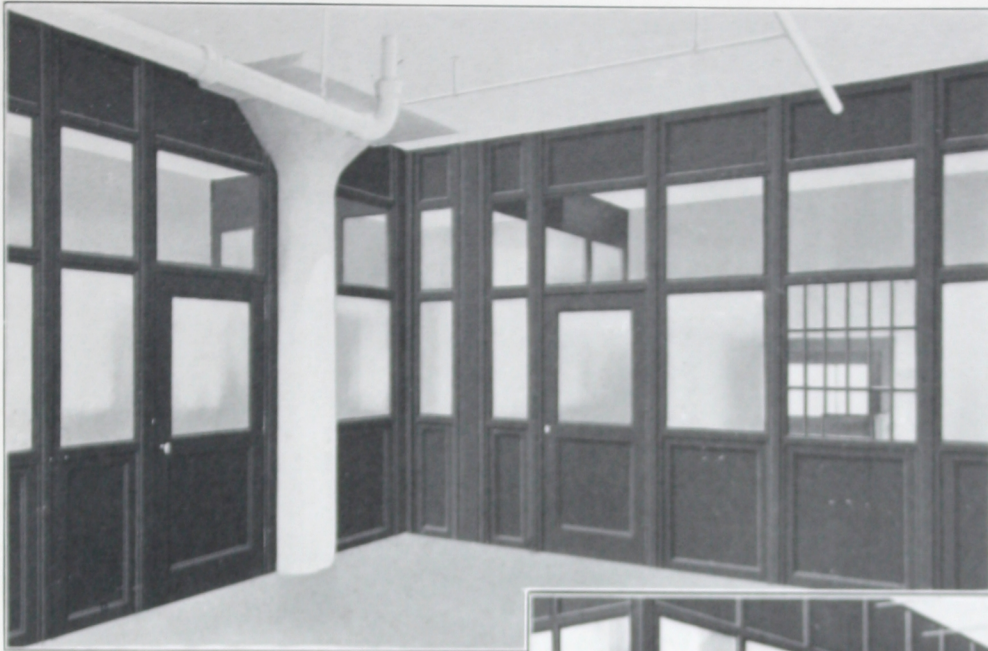
Electric Wiring: Where indicated, electric wiring to be run through posts, cornice and meeting rails and shall be run by the electrical contractor, but the partitions to be so built as to provide space for same.

OFFICE AND FACTORY PARTITIONS



CONSTRUCTION OF TYPE A-1 OFFICE AND FACTORY PARTITIONS

Sanymetal

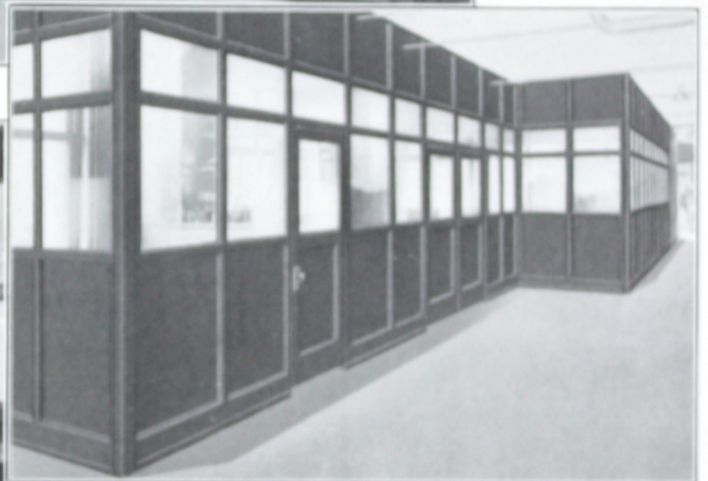


*Shering &
Glatz,
Newark, N. J.*

*Arlington
Chemical Co.,
Yonkers, N. Y.*



Interzone Building, New York, N. Y.



Office Partitions

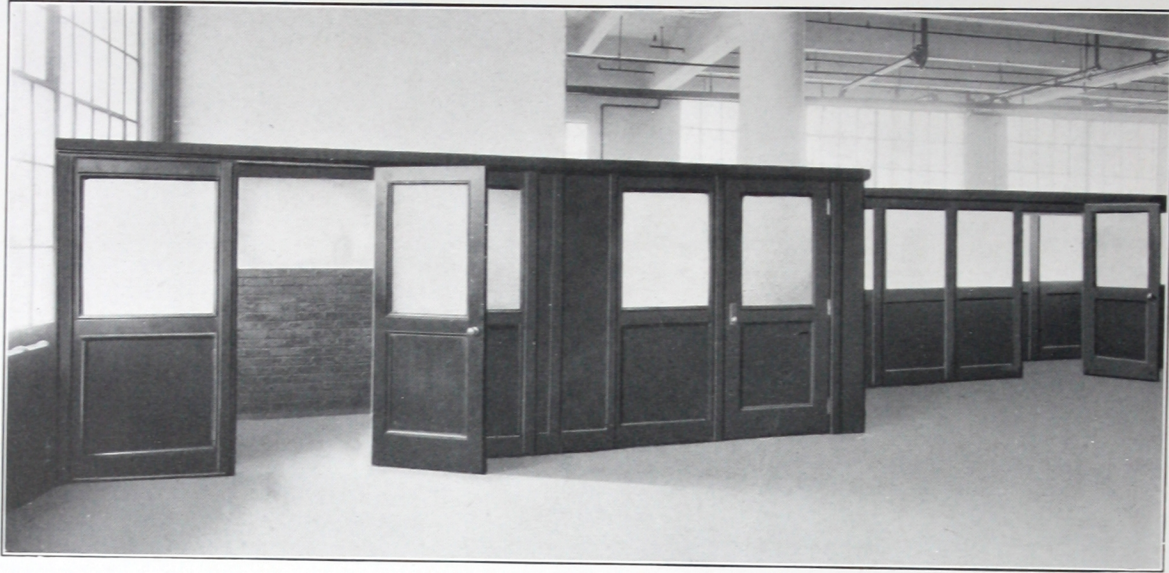
Full Height

ON this page are illustrated a number of Sanymetal office installations, floor-to-ceiling type. Standard unit sections, in combination with variable end and top filler panels, are adaptable to any floor space or height. Adjustable channels allow the panels to be perfectly set, regardless of slight irregularities in wall or ceiling. Standard glass sections in upper panels may be divided as desired by mullions and muntins. Notice the effective way of fitting partitions around pipes, pillars, and similar obstructions.



B. of L. E. Bank Bldg., Cleveland, Ohio

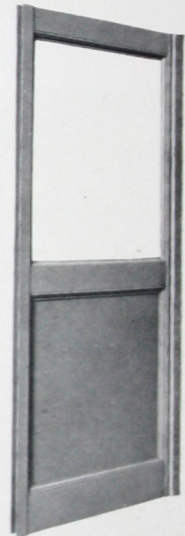
Sanymetal



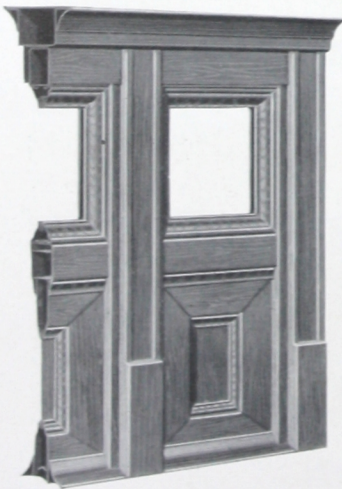
Liggett & Myers Tobacco Co., Richmond, Va.



*Ohio Power Co.,
Philo, Ohio*



*Office Partition
Unit Section,
Type A-1*



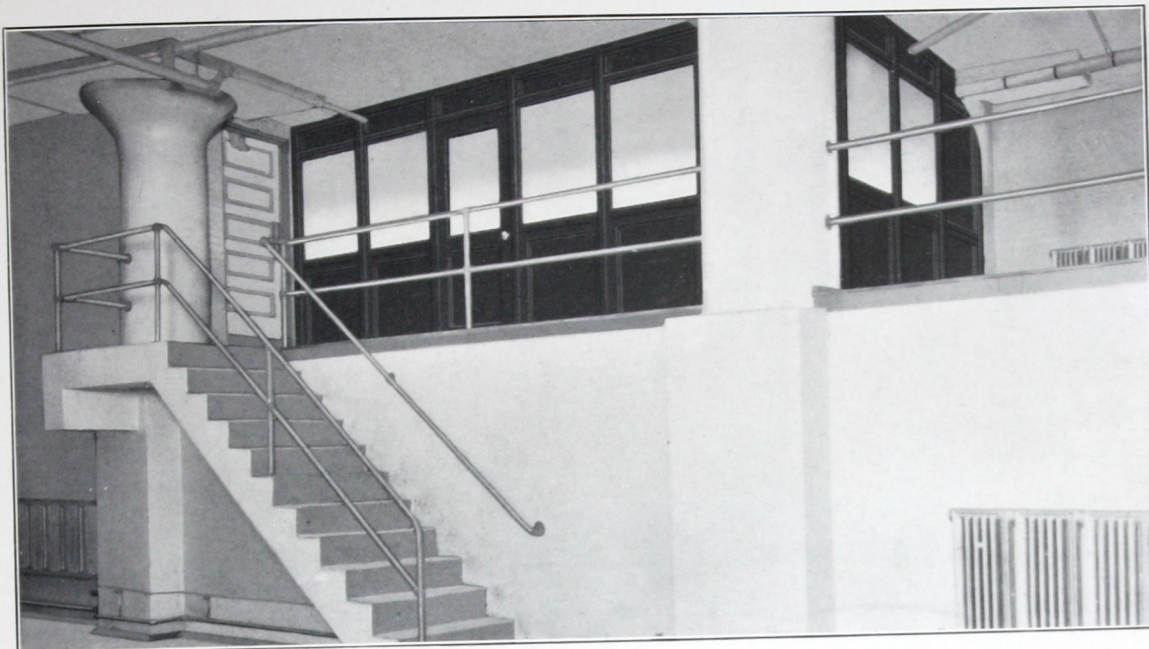
*Showing Construc-
tion of Office Parti-
tions, Type A-1*

Office Partitions

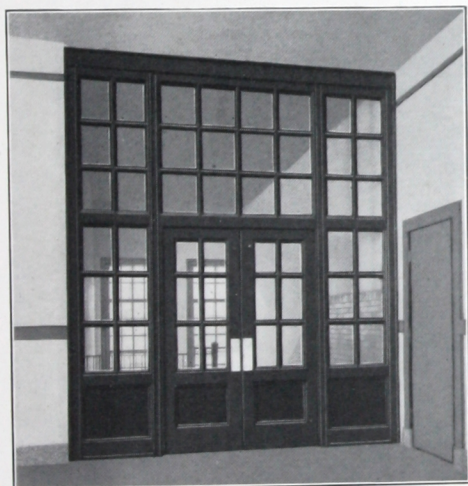
(Cornice Height)

FOR purposes of economy, appearance, or ventilation, partitions reaching only part way toward the ceiling are often preferable. Such partial partitions are built of the same units as full-length partitions. The top is trimmed with a neat cornice, sufficiently solid to make possible the installation of partial partitions in length up to 20 feet without lateral or ceiling braces. No bolts or putty are used in setting glass. This is held solidly in place by a continuous drawn mold, applied with a clip-expansion principle.

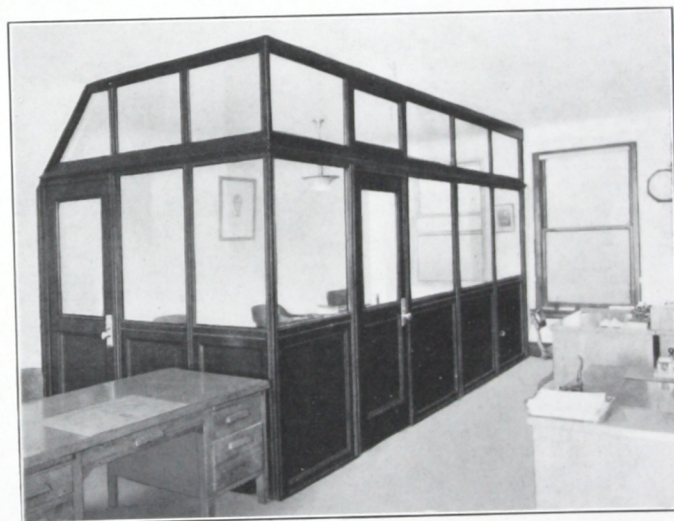
Sanymetal



*Fisher Bros.
Co.,
Cleveland, O.*



Smoke Screen, St. Joseph's School, Cleveland, O.



City Savings Bank, Albany, N. Y.

Office Partitions

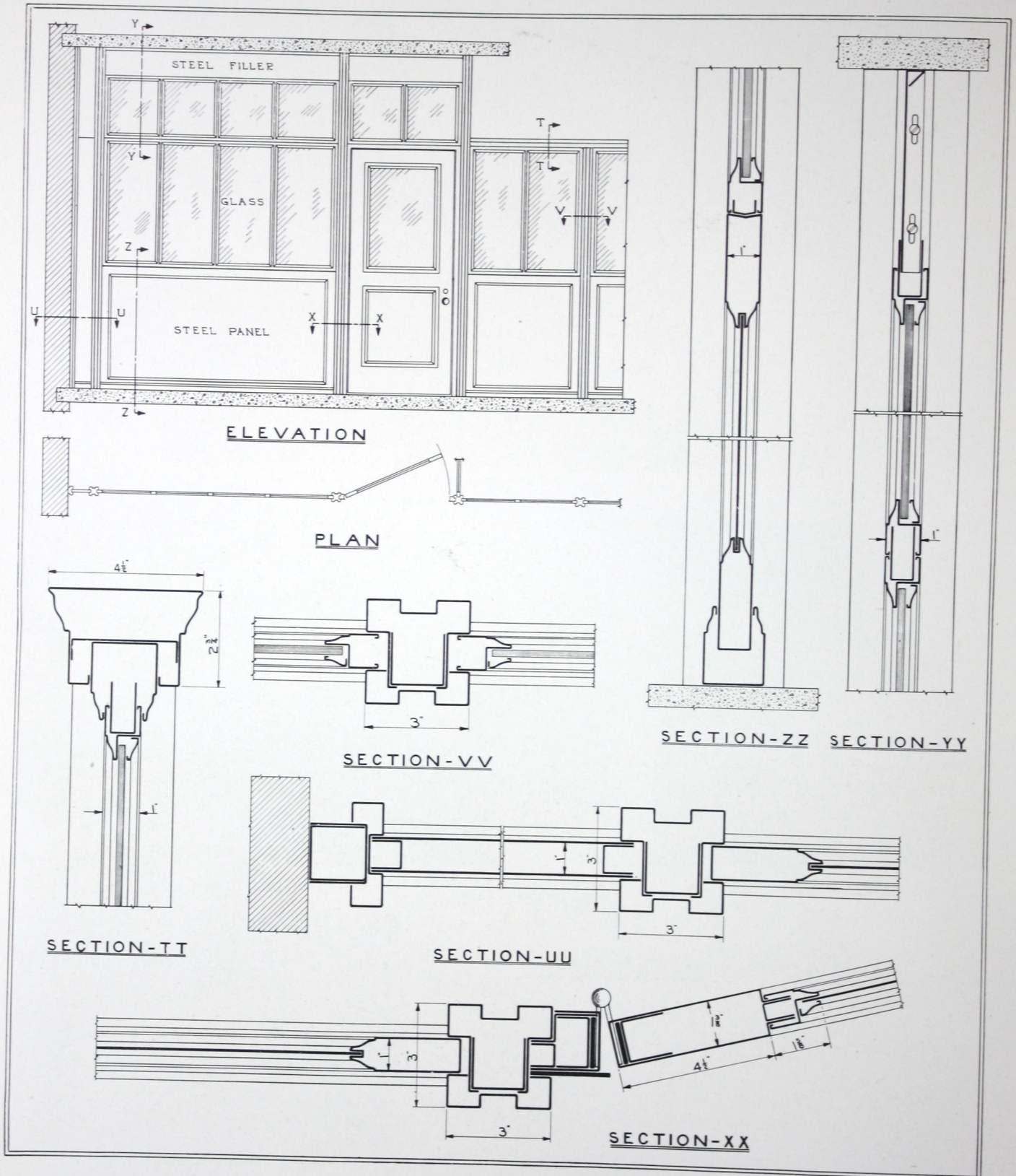
(Special Conditions)

OFFICE partitions must sometimes meet special conditions—such as location in mezzanines, or under slant ceilings, etc. The ability of Sanymetal to meet such conditions is demonstrated in the pictures on these pages. In connection with some installations, also, office railing partitions, as shown here, are desired. The cost of these partitions runs about the same as that of a good quality wood installation.



*Office Rail and Counter, Eastern Minn. Power
Co., Pine City, Minn.*

Sanymetal



CONSTRUCTION OF TYPE B-1 OFFICE AND FACTORY PARTITIONS ("UNETTES")

Sanymetal

Sanymetal Unettes

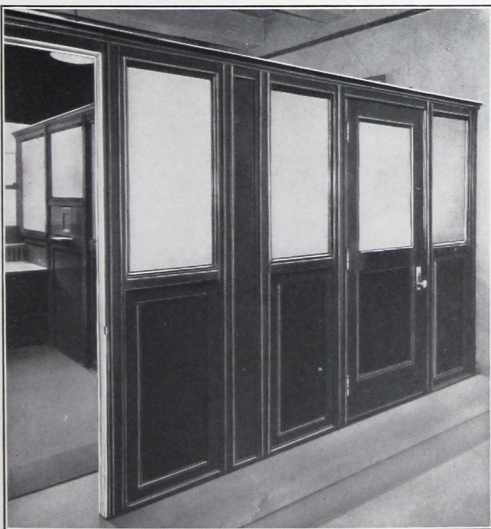
TYPE B-1 Office and Factory Partitions, called "Unettes," offer a remarkable combination of economy and utility. Both strength and good appearance are apparent in this design. There are no exposed metal edges. Simple moldings surround the panels and hold the glass in place. Glass molds are interlocked into uprights, eliminating possible unsightly cracks.

Sanymetal "Unettes" are highly practical for offices, shop partitions, booths, garages, cubicles, and special enclosures of almost any character. Upper panels may be steel or glass. They may be taken down and reset, with 100 per cent salvage, at a fraction of the cost of tile or plaster.

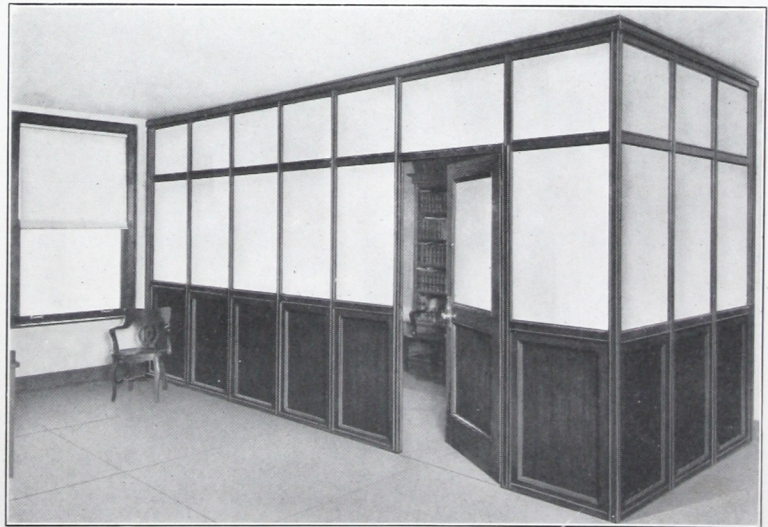
The cost does not exceed that of a good grade of wood partitions, because these "Unettes" are made in stock sizes under highly organized modern production conditions. Almost any desired arrangement can be assembled from the standard sizes. "Unettes" are either cornice height (7 ft. 4 in.) or any ceiling height desired which is accomplished by adding to cornice height partitions additional glass or steel sections and top-filler panels.

Attractive in price, exceptionally rigid in construction, and simply designed, to harmonize with any surroundings, Sanymetal "Unettes" constitute a virtually unparalleled value.

"Maximum Efficiency with Minimum Cost"

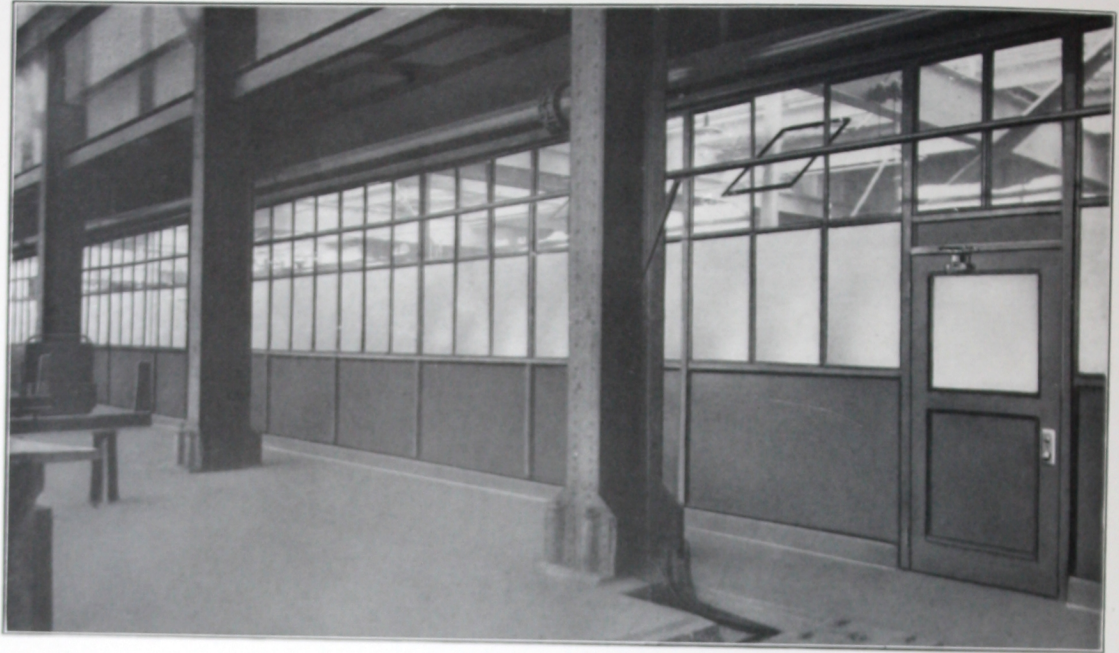


*Damascus Mfg. Co., Cleveland, O.,
Typical of the "Unette" Construction*



"Unettes" extending to ceiling

*Lavatory Bldg.,
National Tube Co.,
Lorain, O.*



*Ohio Power Co.,
Philo, Ohio*



Interior of typical Mill Office

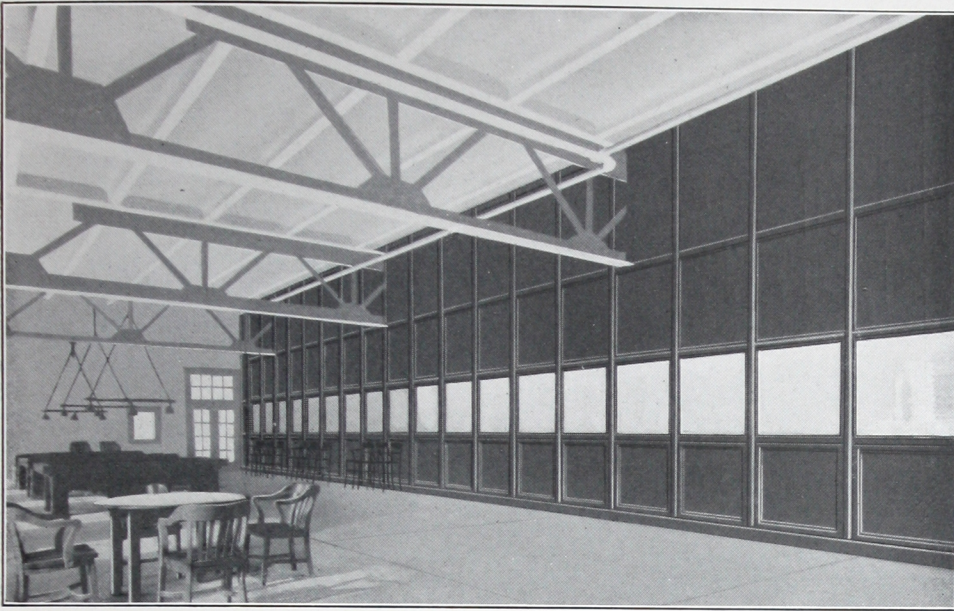


*National Tube
Co., Lorain, O.*

Office Partitions

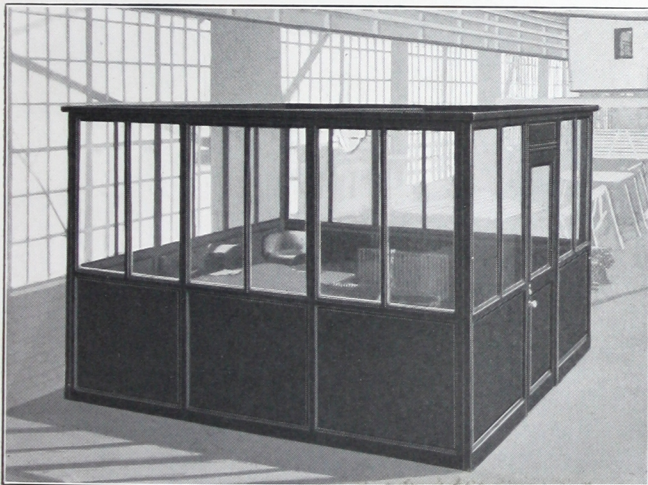
FOR many office partitions and for factory office, and general utility purposes, Type B-1 Sanymetal is frequently preferred. This design is economical, durable, and good-looking. These partitions are built in unit sections, readily erected without skilled help, and easily taken down and rearranged to meet changing needs.

Sanymetal

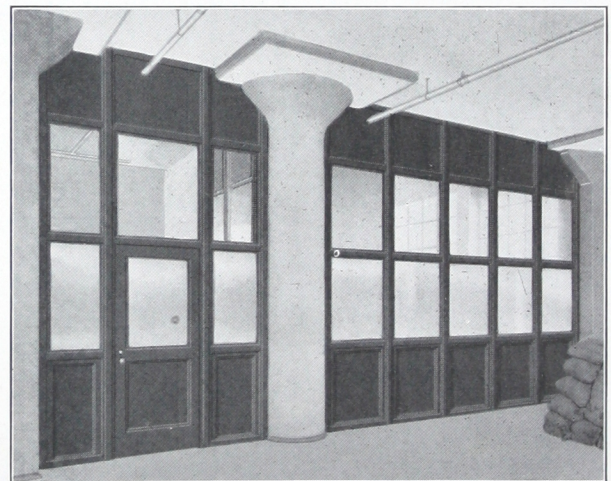


*Spy Run Car House,
Ft. Wayne, Ind.*

*Fisher Bros. Warehouse,
Cleveland, O.*

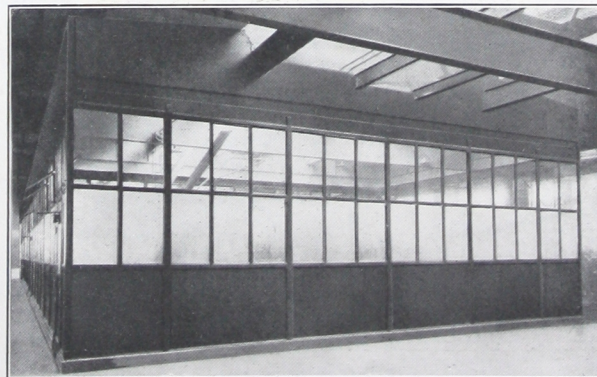


*Shop Office, Pittsburgh Seamless Tube Co.,
Beaver Falls, Pa.*



Office Partitions

FOR protection, freedom from dust, warmth, or other reasons, these partitions are often roofed over with steel sections, or they may be covered with wire mesh. Standard partition panels may be all-metal or metal in connection with glass, wire, or wire-glass. One of the principal advantages of these partitions for factory use is fire-resistance.



*National Tube
Co.
Lorain, O.*

Sanymetal

Sanymetal

Suggested Specifications for Hospital Work

CUBICLE or Screen partitions to be of steel and glass as made by the Sanymetal Products Company of Cleveland, Ohio, as detailed and shown on plans (or specify sizes).

Upright Posts: Upright posts to be of hollow drawn steel 2 inches square. Gauge .040 with self-locking, concealed joint and sunken panel on each side, forming a recess into which the panel must be fastened. Each post to have a die cast aluminum alloy base casting, fastened to floor with nickel plated wood screws. Each post to be capped with a top casting.

Bottom Panel: Bottom panel to be flush type without mouldings, constructed of two sheets of No. 18 gauge, separated by channels and reinforced by Z bars. All steel to be full cold rolled, full finished, patent levelled, open hearth sheets, free from scale and buckle.

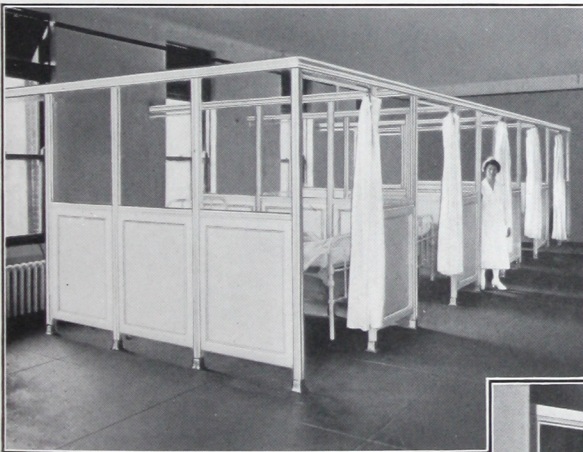
Top Panel: Top Panel to be of glass, either D. S. A., Polished Plate, Polished Plate Wire, or Rough Wire, as selected. Glass frame both sides to be of drawn steel mouldings, welded into one continuous piece and put in by spring clips without bolts or screws.

Top Rail: Top rail over glass panel to be formed of two drawn channels 1 x 1½ in. fastened between posts.

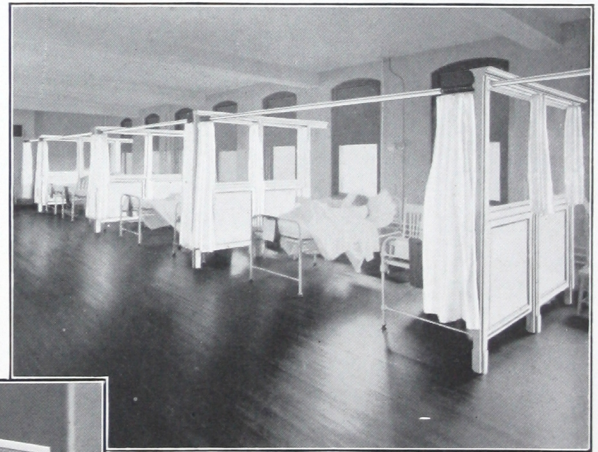
Head Rail: Head rail bracing shall be furnished between adjacent cubicles 1 in. x 1½ in. tubing, fastened to top of posts. Where curtains are used, head rail bracing acts as a curtain rod.

Finish: All work to be thoroughly cleaned at factory with sandpaper and benzine and a prime coat of lead base, rust-resisting primer applied and baked on. Two finish coats to be applied of the best baking enamel and baked to at least 300 degrees F. Standard finishes Gray, Olive Green or Battleship Gray.

Where white finish is specified, all work is to be cleaned and primed as above. Then finished in one coat of flat white enamel, baked on, and finished in two coats of Duco, or Wilborite, or other approved lacquer finishes, sprayed on.

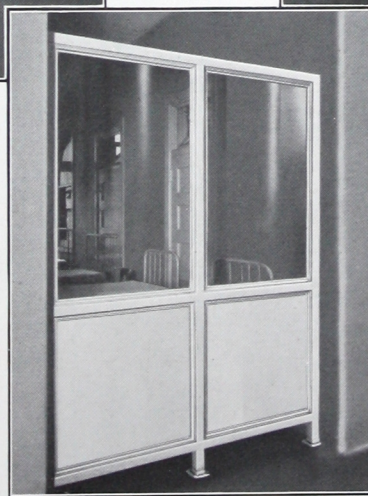


Long Island College Hospital, Brooklyn, N. Y.

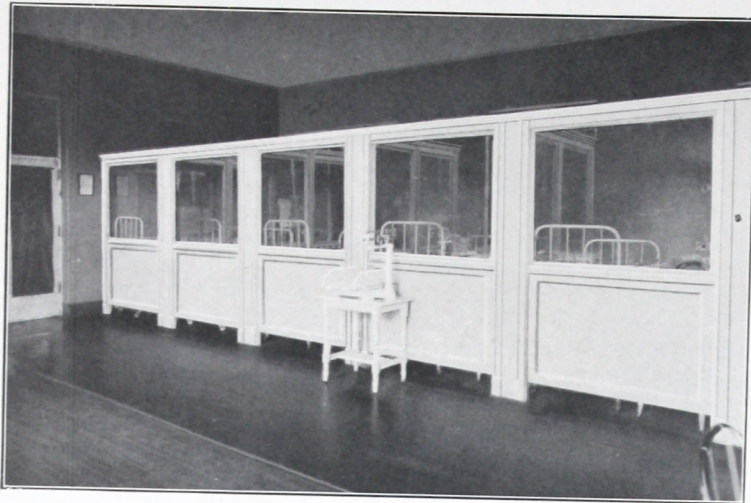


Municipal Hospital, Hartford, Conn.

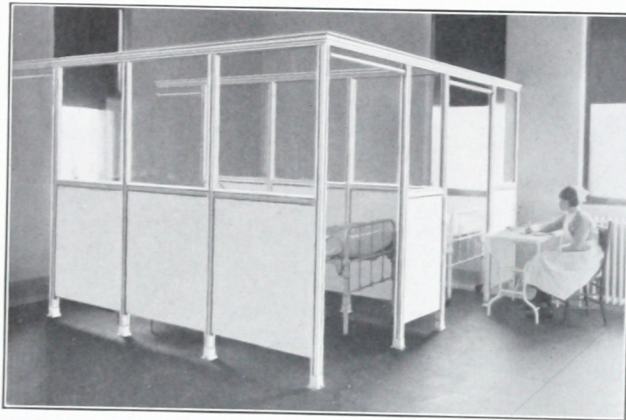
*Philadelphia
City Hospital,
Philadelphia,
Pa.*



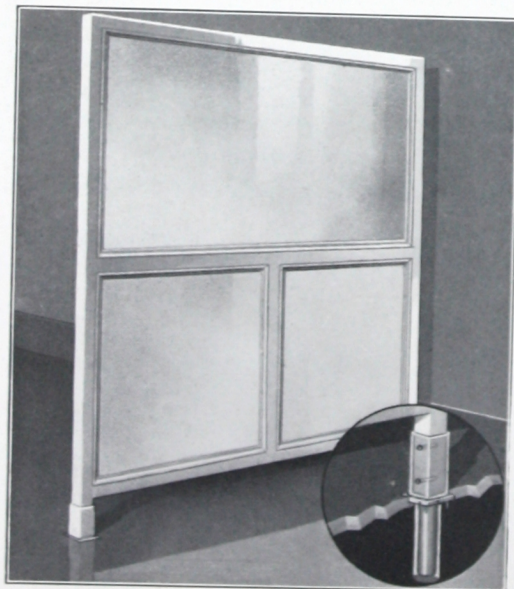
Sanymetal



Walker Memorial Hospital, Wilmington, N. C.

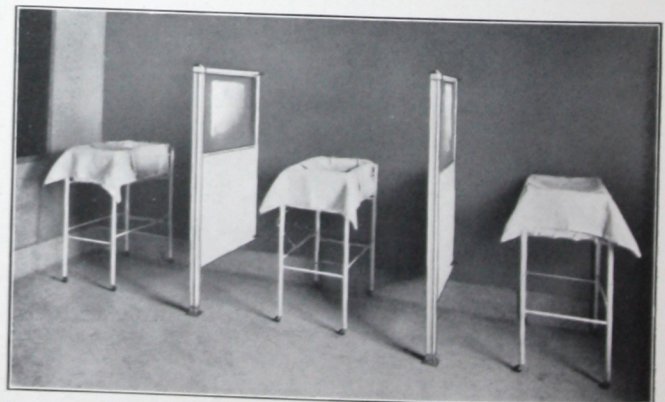


Long Island College Hospital, Brooklyn, N. Y.



*Free Standing
Screen, showing
method
of support.*

*Jewish
Hospital,
Cincinnati, O.*



*Movable Ward
Screen on
Rollers*

Hospital Installations

THE outstanding sanitary value of metal partitions makes them especially desirable for hospital and allied uses. Many years' experience in high class metal partition work for hospitals insures expert, satisfactory attention to the specialized demands of this field. A list of leading hospitals equipped with Sanymetal will be supplied on request.

Sanymetal is made for ward screens, cubicles, semi-private rooms, toilets, showers, or permanent enclosures of any description, in public or private hospitals, plant hospitals, sanitariums, asylums, etc. It is also furnished for metal wainscot, corridor and smoke screens, and fly doors. On account of popular demand everywhere for semi-privacy in wards, Sanymetal cubicles are coming into general use for this purpose.

Sanymetal provides a rigid, good-looking, easily cleaned, fire-proof, and highly sanitary partition at a practical cost.

Hospital work is assembled at the factory in standard sections, adaptable to any floor space. Installations are flexible in that any layout may easily be taken down and rearranged, at slight cost. All Hospital Partitions are made with new interlocking Construction, eliminating all unsightly welds, metal edges, bolts, nuts and screws.

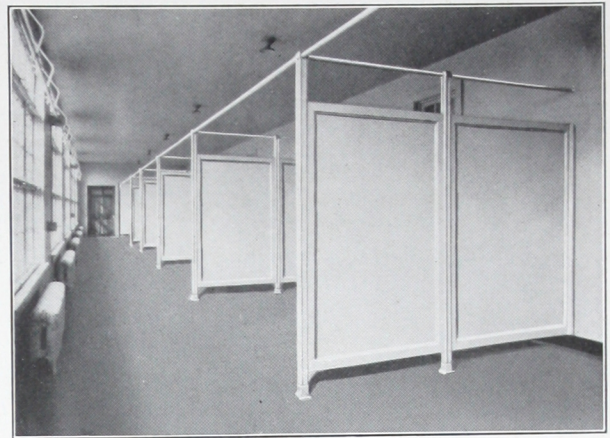
Sanymetal

Hospital Installations

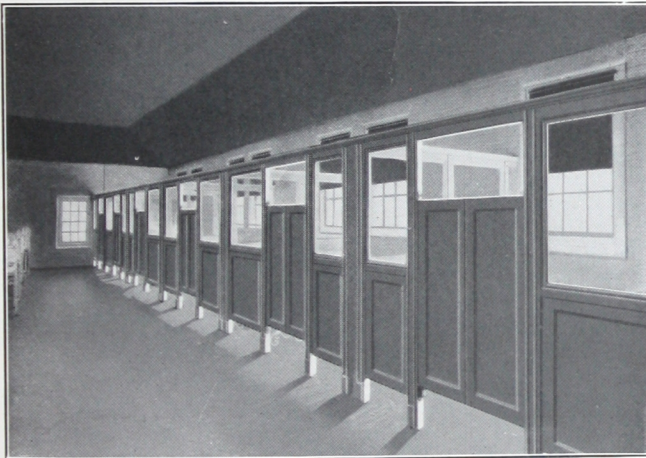
HOSPITAL doors, where required, are hung on springless, self-acting Sany-metal Gravity Roller Hinges. This is a perfect hinge for fly doors. Partitions for hospital use are usually flush panel type, for sanitary reasons. Screens, doors or partitions may be all-metal or provided with glass.

Finished in best heavy baked enamel, color as desired.

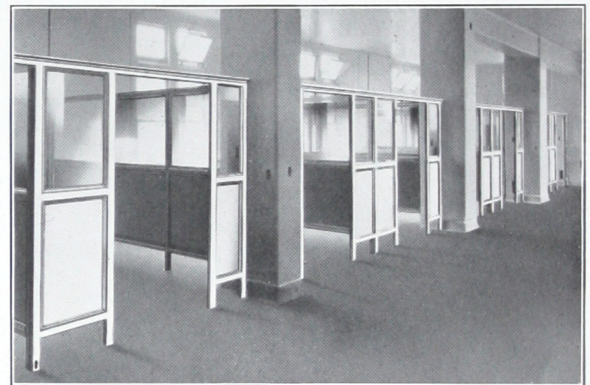
The Sanymetal Gravity Roller Hinge, shown here, for fly doors, operates silently and allows full opening of door from jamb to jamb.



Cubicles in Asylum, Asyla, N. J.

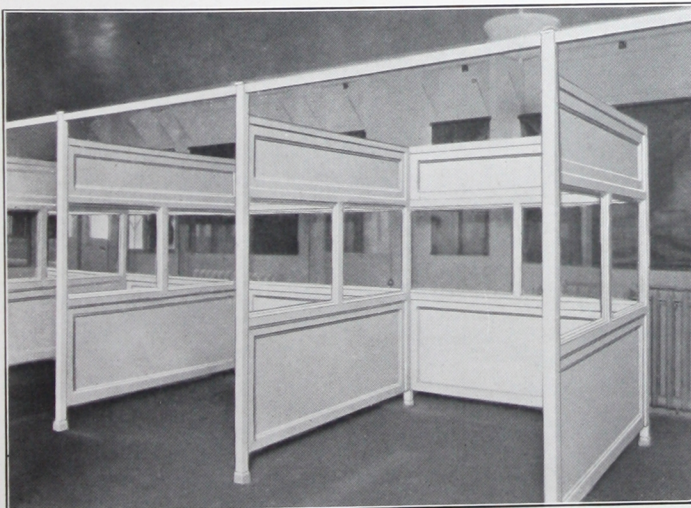


Municipal Hospital, Hartford, Conn.

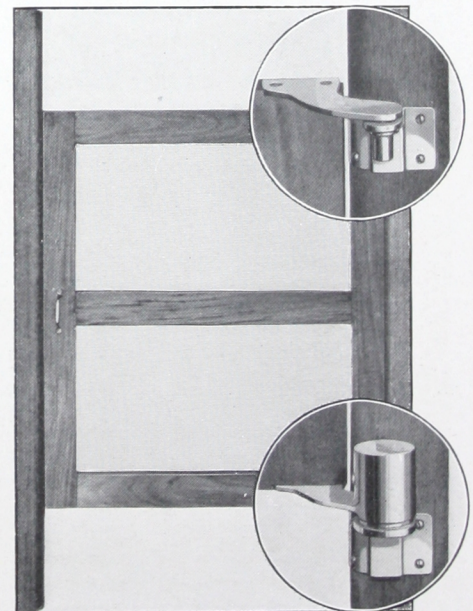


Riley Memorial Hospital, Indianapolis, Ind.

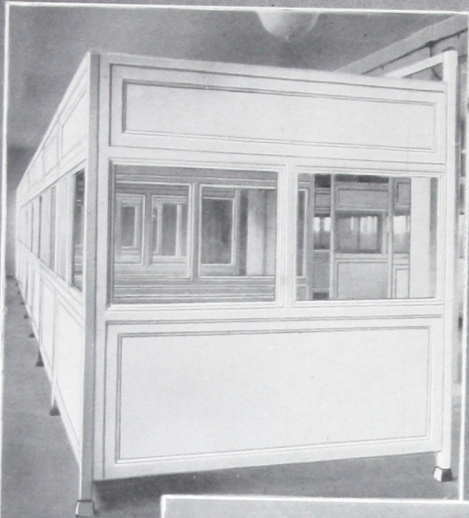
Sanymetal Gravity Hinges for Hospital Fly Doors, showing method of mounting.



*Willard
Parker
Hospital,
New York.*



TYPICAL INSTALLATIONS



Willard~
Parker
Hospital.
New York,
N.Y.



Euclid Gardens
Cleveland, O.



Butterworth
Hospital~
Grand Rapids,
Mich.



Rose Ave.
School
New Castle,
Pa.



Union Tank Car Co.
Philadelphia, Pa.



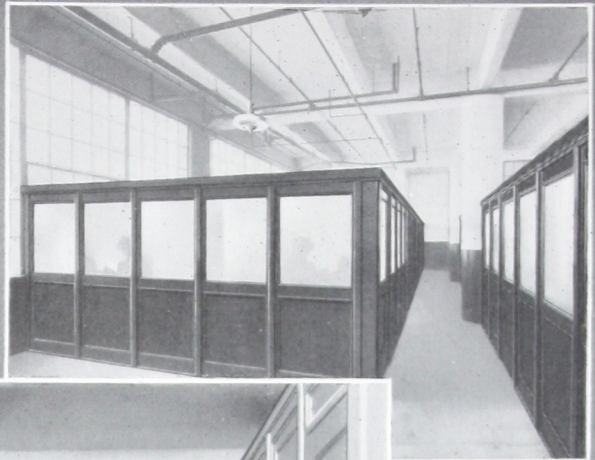
Columbia Hospital
Washington, D.C.

Sanymetal

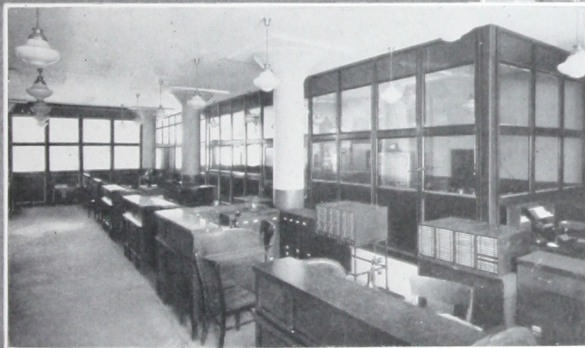
TYPICAL INSTALLATIONS



Shering & Glatz
Newark, N.J.



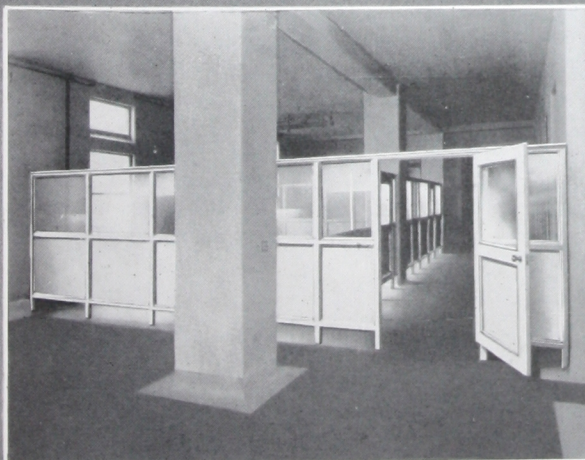
Liggett
& Myers
Richmond
Va.



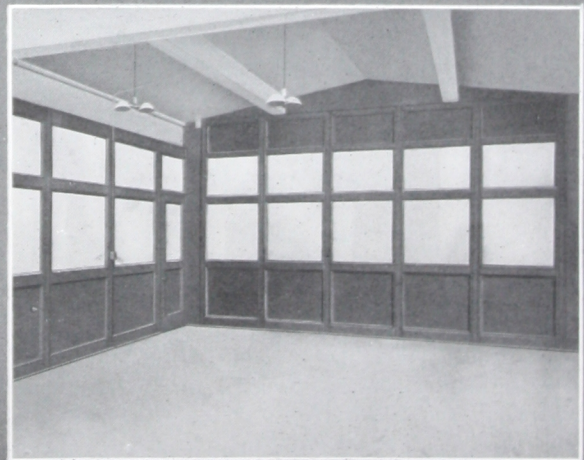
Interzone Building
New York, N.Y.



Naval Hospital
Brooklyn, N.Y.



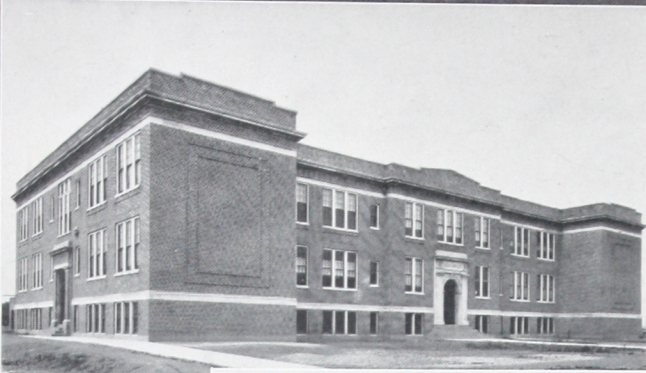
Riley Hospital
Indianapolis, Ind.



Plain Dealer Pub. Co.
Cleveland, O.

Sanymetal

TYPICAL INSTALLATIONS



School No. 23
Albany, N.Y.



B of L E. Bank Building
Cleveland, O.



National Cash Register Co.
Dayton, O.



Medical Arts Bldg.
Indianapolis, Ind.



The Foote-Burt Co.
Cleveland, O.



Forest Park School
Elwayne, Ind.

THESE BUILDINGS HAVE INSTALLED SANYMETAL

Sanymetal

TYPICAL INSTALLATIONS



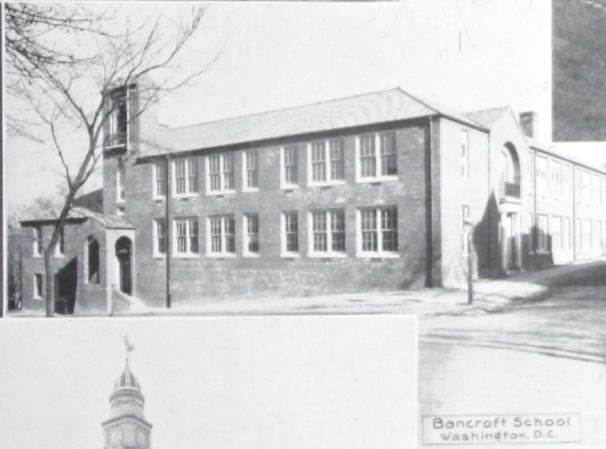
Book Cadillac Hotel
Detroit, Mich.



St. Vincent's Hospital
Indianapolis, Ind.



G.A.R. Memorial High School
Wilkes Barre, Pa.



Bancroft School
Washington, D.C.



Western Reserve Maternity Hospital
Cleveland, O.



City Savings Bank
Albany, N.Y.



Real Silk Hosiery Mills
Indianapolis, Ind.

THESE BUILDINGS HAVE INSTALLED SANYMETAL

Sanymetal

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